PPGJT001

PPG Architectural Coatings UK Limited

Office Master

PPG/JT/005

CAWS - M60

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Contents

M60
Painting/clear finishing REVISED

Coating systems

110 Acrylic Durable Matt Emulsion paint To new plaster/plasterboard REVISED

1. Description: A premium quality matt emulsion with outstanding durability for use on interior walls and ceilings. It can also be used on suitably primed woodwork and radiators.
   This low odour paint is washable and wipeable, providing a tough finish that is resistant to condensation, yellowing and most household stains. Its outstanding durability makes it suitable for use in kitchens, bathrooms, hotels, hospitals and public buildings.
   - Durable and wipeable finish.
   - Meets Class 1 of ISO 11998 for scrub resistance.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Acrylic Durable Matt
3. Surfaces: New plaster / plasterboard
   3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s Acrylic Durable Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2 hours under normal conditions.
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Acrylic Durable Matt. Allow a minimum drying time of 2-4 hours under normal conditions
   6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

110 Airpure Emulsion paint To new plaster/plasterboard REVISED

1. Description: Air purifying wall and ceiling paint that improves air quality by neutralising up to 70% formaldehyde. Formulated with a bio-based binder.
   - Neutralises up to 70% formaldehyde from indoor air
   - Contained in 100% recycled packaging
   - Meets GOLD standard for Eurofins Indoor Air Comfort for TVOC emissions
   - BRE Global verified EPD
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Airpure
3. Surfaces: New plaster / plasterboard
   3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s Air Pure Matt, thinned up to 5% by volume with clean water. Allow a minimum drying time of 4 hours under normal conditions
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Air Pure Matt. Allow a minimum drying time of 4 hours under normal conditions
   6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

110 Cleanable Matt Emulsion paint To new plaster/plasterboard REVISED

1. Description: Johnstone's Trade Cleanable Matt is a tough, premium matt emulsion, designed to extend maintenance cycles with excellent stain resistance and high durability.
   It helps to prevent stains setting into the paint and makes removing stains and marks easier.

- Suitable for high traffic areas.
- Stain resistant technology.
- Class 1 Scrub rating ISO 11998.

2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Cleanable Matt
3. Surfaces: New plaster / plasterboard
   3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s Cleanable Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2 hours under normal conditions
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Cleanable Matt. Allow a minimum drying time of 2-4 hours under normal conditions
   6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

110 Covaplus Vinyl Matt Emulsion Emulsion paint To new plaster/plasterboard

REVISED

1. Description: Covaplus Vinyl Matt is an emulsion formulated for interior use on walls and ceilings with excellent colour retention. It provides a durable finish that is resistant to fading. It has a longer wet edge time to help reduce flashing and patchy finishes on surfaces.
   - Excellent opacity and colour retention.
   - Reduced flashing.
   - Wipeable finish.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Covaplus Vinyl Matt Emulsion
3. Surfaces: New plaster / plasterboard
   3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s Covaplus Vinyl Matt Emulsion, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2-4 hours under normal conditions.
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Covaplus Vinyl Matt Emulsion. Allow a minimum drying time of 2-4 hours under normal conditions
   6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

110 Endura Super Durable Matt Emulsion paint To new plaster/plasterboard

REVISED

1. Description: Johnstone’s Endura Super Durable Matt offers ultimate durability, tested to over 10 000 000 scrubs (Achieves Class 1 of ISO 11998). For use on interior walls and woodwork, it’s easy to clean and the ideal solution for high traffic areas.
   A fast drying, low odour, dead flat matt finish suitable for use where durability and performance are critical.
   - Ultimate durability.
   - Class 1 ISO 11998 scrub rating.
   - High traffic areas.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Endura Super Durable Matt
3. Surfaces: New plaster / plasterboard
   3.1. Preparation: As clauses 400, 580 & 590

4. Initial coats: Overall apply Johnstone’s Endura Super Durable Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2 hours under normal conditions
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Endura Super Durable Matt. Allow a minimum drying time of 2-4 hours under normal conditions
    6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

110 Jonmatt Premium Contract Matt Emulsion paint To new plaster/plasterboard REVISED

1. Description: Jonmat Premium Contract Matt is water based, high quality emulsion designed for interior use on walls and ceilings such as new or aged plaster, wallboards, concrete, cement rendering, brickwork and blockwork.
   It provides an obliterating, permeable finish that is suitable for new plaster.
   Allows fresh plaster to dry out to help avoid cracking.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
    2.1. Product reference: Johnstone's Jonmatt Premium Contract Matt
3. Surfaces: New plaster / plasterboard
    3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s Premium Contract Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2 hours under normal conditions
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Premium Contract Matt. Allow a minimum drying time of 2 hours under normal conditions
    6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

110 Perfect Matt Emulsion paint To new plaster/plasterboard REVISED

1. Description: Wall and ceiling paint with a matt finish, developed with innovative smooth layer technology which helps to eliminate the visible application marks often highlighted by critical lighting. The result is a seamless matt finish with easy spot repair.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
    2.1. Product reference: Johnstone's Perfect Matt
3. Surfaces: New plaster / plasterboard
    3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s Perfect Matt, thinned up to 5% by volume with clean water. Allow a minimum drying time of 4 hours under normal conditions
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Perfect Matt. Allow a minimum drying time of 4 hours under normal conditions
    6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

110 StainAway Emulsion paint To new plaster/plasterboard REVISED

1. Description: Johnstone’s StainAway is an innovative, high opacity wall and ceiling paint. It contains Stain Blocking Technology, permanently isolating even the most persistent stains such as smoke damage, nicotine damage and water stains in one product. Johnstone’s StainAway is a primer and finish in one product.
    - High level of durability.

- Can be painted over existing surfaces.
- Touch dry in one hour with recoating in four hours where required.

2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's StainAway
3. Surfaces: New plaster / plasterboard
   3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s StainAway, thinned up to 10% by volume with clean water. Allow a minimum drying time of 4 hours under normal conditions
5. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s StainAway. Allow a minimum drying time of 4 hours under normal conditions
   6.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

130 Aqua Water Based Gloss Gloss paint To new metal REVISED

1. Description: Aqua Water Based Gloss is a water based gloss with a high sheen finish, formulated for interior and exterior use on wood and suitably primed metal surfaces.
   It is designed to give the application characteristics of traditional gloss, but with the added advantage of being quick drying and low odour during application. It has a high gloss finish that stays whiter for longer compared to a solvent based gloss.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Aqua Water Based Gloss
3. Surfaces: Metal Metal
   3.1. Preparation: As clauses 400, 500, 511 & 521
4. Initial coats: Overall apply Johnstone’s Performance Coatings Quick Drying Metal Primer. Allow a minimum drying time of 4 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone’s Aqua Water Based Undercoat. Allow a minimum drying time of 1-2 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Aqua Water Based Gloss. Allow a minimum drying time of 1-2 hours under normal conditions
   6.1. Number of coats: 1

130 Aqua Water Based Gloss Gloss paint To new timber REVISED

1. Description: Aqua Water Based Gloss is a water based gloss with a high sheen finish, formulated for interior and exterior use on wood and suitably primed metal surfaces.
   It is designed to give the application characteristics of traditional gloss, but with the added advantage of being quick drying and low odour during application. It has a high gloss finish that stays whiter for longer compared to a solvent based gloss.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Aqua Water Based Gloss
3. Surfaces: New Timber
   3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: All new, bare and prepared surfaces should be treated using Johnstone’s Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone’s Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions

5.1. Number of coats: 1

6. Finishing coats: Overall apply Johnstone’s Aqua Water Based Gloss. Allow a minimum drying time of 4-6 hours under normal conditions

6.1. Number of coats: 1

130 Aqua Water Based Gloss Gloss paint To new MDF REVISED

1. Description: Aqua Water Based Gloss is a water based gloss with a high sheen finish, formulated for interior and exterior use on wood and suitably primed metal surfaces.
It is designed to give the application characteristics of traditional gloss, but with the added advantage of being quick drying and low odour during application. It has a high gloss finish that stays whiter for longer compared to a solvent based gloss.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

2.1. Product reference: Johnstone's Aqua Water Based Gloss

3. Surfaces: New MDF

3.1. Preparation: As clause 400

4. Initial coats: Overall apply Johnstone’s Performance Coatings MDF Primer, brushing firmly into the surface and laying off. Take care to treat all accessible faces of the MDF, paying particular attention to end grain and hidden areas, such as the underside of window cills. Allow to dry thoroughly for 1-2 hours under normal conditions

4.1. Number of coats: 1

5. Undercoats: Apply overall Johnstone’s Aqua Water Based Undercoat. Allow a minimum drying time of 1-2 hours under normal conditions

5.1. Number of coats: 1

6. Finishing coats: Overall apply Johnstone’s Aqua Water Based Gloss. Allow a minimum drying time of 1-2 hours under normal conditions

6.1. Number of coats: 1

130 Flexible Gloss Gloss paint To new metal REVISED

1. Description: Stormshield Flexible Gloss is a flexible, microporous gloss paint. It is designed to provide longer-lasting protection for exterior wood substrates such as softwood, hardwood and plywood panels, and it can also be used on metal.
Achieves an eight-year life expectancy when applied in accordance with a project-specific Johnstone’s technical specification and BS 6150:2006, 'Painting of buildings. Code of practice'.
Flexible finish resistance to flaking, cracking and blistering.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

2.1. Product reference: Johnstone's Stormshield Flexible Gloss

3. Surfaces: New Metal

3.1. Preparation: As clauses 400, 500, 511 & 521

4. Initial coats: Apply Johnstone’s Performance Coatings Quick Dry Zinc Phosphate Primer. Allow a minimum drying time of 24 hours under normal conditions

4.1. Number of coats: 1

5. Undercoats: Overall apply Johnstone’s Stormshield Flexible Primer Undercoat. Allow a minimum drying time of 24 hours under normal conditions

5.1. Number of coats: 1

6. Finishing coats: Overall apply Johnstone’s Stormshield Flexible Gloss. Allow a minimum drying time of 24 hours under normal conditions

6.1. Number of coats: 1

130 Flexible Gloss Gloss paint To new timber REVISED

1. Description: Stormshield Flexible Gloss is a flexible, microporous gloss paint. It is designed to provide longer-lasting protection for exterior wood substrates such as softwood, hardwood and plywood panels, and it can also be used on metal.
   Achieves an eight-year life expectancy when applied in accordance with a project-specific Johnstone's technical specification and BS 6150:2006, 'Painting of buildings. Code of practice'.
   Flexible finish resistance to flaking, cracking and blistering.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Stormshield Flexible Gloss
3. Surfaces: New Timber
   3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: To all bare, preserved timber apply Johnstone's Stormshield Flexible Primer Undercoat. Allow a minimum drying time of 24 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone's Stormshield Flexible Primer Undercoat. Allow a drying time of 24 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Stormshield Flexible Gloss. Allow a minimum drying time of 24 hours under normal conditions. Depending on the selected colour shade, additional coats may be required to achieve full opacity
   6.1. Number of coats: 1

130 Professional Gloss Gloss paint To new metal REVISED

1. Description: Professional Gloss is a premium quality, solvent based gloss designed for interior and exterior use on wood and metal surfaces. It provides a durable, high gloss finish with excellent opacity and coverage.
   Do not use over polystyrene surfaces.
   Offers a durable, high gloss finish.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Professional Gloss
3. Surfaces: New Metal
   3.1. Preparation: As clauses 400, 500, 511 & 521
4. Initial coats: Apply Johnstone's Performance Coatings Quick Dry Zinc Phosphate Primer. Allow a minimum drying time of 24 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone's Professional Undercoat. Allow a minimum drying time of 24 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Professional Gloss. Depending on the selected colour shade, additional coats may be required to achieve full opacity. Allow a minimum drying time of 24 hours under normal conditions
   6.1. Number of coats: 1

130 Professional Gloss Gloss paint To new timber REVISED

1. Description: Professional Gloss is a premium quality, solvent based gloss designed for interior and exterior use on wood and metal surfaces. It provides a durable, high gloss finish with excellent opacity and coverage.
   Do not use over polystyrene surfaces.
   Offers a durable, high gloss finish.

2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Professional Gloss
3. Surfaces: New Timber
   3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: To all bare timber apply Johnstone’s Wood Primer, brushing firmly into the surface and laying off in line with the grain. Take care to treat all accessible faces of the timber, paying particular attention to end grain and hidden areas. Allow a minimum drying time of 24 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone’s Professional Undercoat. Allow a minimum drying time of 24 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Professional Gloss. Depending on the selected colour shade, additional coats may be required to achieve full opacity
   6.1. Number of coats: 2

130 Professional Gloss Gloss paint To new MDF REVISED

1. Description: Professional Gloss is a premium quality, solvent based gloss designed for interior and exterior use on wood and metal surfaces. It provides a durable, high gloss finish with excellent opacity and coverage.
   Do not use over polystyrene surfaces.
   Offers a durable, high gloss finish.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Professional Gloss
3. Surfaces: New MDF
   3.1. Preparation: As clause 400
4. Initial coats: Overall apply Johnstone’s Performance Coatings MDF Primer, brushing firmly into the surface and laying off. Take care to treat all accessible faces of the MDF, paying particular attention to end grain and hidden areas, such as the underside of window cills. Allow a minimum drying time of 1-2 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone’s Professional Undercoat. Allow a minimum drying time of 24 hours between coats under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Professional Gloss. Depending on the selected colour shade, additional coats may be required to achieve full opacity
   6.1. Number of coats: 1

130 Smooth Metal Paint Gloss paint To new metal REVISED

1. Description: Smooth Metal Paint is a primer and topcoat in one, which can be applied direct to bare, previously painted or rusted surfaces, and provides a smooth, flat, semi-gloss finish. Offering up to five years before first major maintenance protection, Johnstone’s Smooth Metal Paint offers anti-corrosive properties whilst maintaining excellent adhesion attributes.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Smooth Metal Paint
3. Surfaces: New Metal
   3.1. Preparation: As clauses 400, 500, 511 & 521
4. Finishing coats: Overall apply Johnstone’s Performance Coatings Smooth Metal Paint to achieve a wet film thickness of 111 microns +/- 5 microns, dry film thickness 50 microns +/- 5 microns.

Drying time at 10ºC – 24 hours. The application of a second coat must be carried out 2 hours after the 1st application

4.1. Number of coats: 2

150 Acrylic Durable Eggshell Eggshell/ satin paint To new plaster/plasterboard REVISED

1. Description: An acrylic durable eggshell designed as a wipeable finish resistant to condensation. It is a low odour, quick drying paint that is resistant to condensation and yellowing.
Ideal for kitchens, bathrooms, schools, hospitals, food production areas, and public buildings.
    - Highly durable and wipeable finish.
    - Meets Class 1 of ISO 11998 for scrub resistance.
    - Mould resistance.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

    2.1. Product reference: Johnstone's Acrylic Durable Eggshell
3. Surfaces: New plaster / plasterboard

    3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone’s Ultra Primer Sealer thinned up to 5% by volume with clean water. Allow a minimum drying time of 3 hours under normal conditions

    4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Acrylic Durable Eggshell. Allow a minimum drying time of 4 hours under normal conditions

    5.1. Number of coats: 2 (Depending on the porosity of the surface to be painted further coats may be necessary in order to achieve solid opacity)

150 Acrylic Durable Eggshell Eggshell/ satin paint To new timber - Interior use only REVISED

1. Description: An acrylic durable eggshell designed as a wipeable finish resistant to condensation. It is a low odour, quick drying paint that is resistant to condensation and yellowing.
Ideal for kitchens, bathrooms, schools, hospitals, food production areas, and public buildings.
    - Highly durable and wipeable finish.
    - Meets Class 1 of ISO 11998 for scrub resistance.
    - Mould resistance.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

    2.1. Product reference: Johnstone's Acrylic Durable Eggshell
3. Surfaces: New timber

    3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: All new and bare surfaces should be first treated using Johnstone’s Joncryl Water Based Primer Undercoat. Allow the primer to dry for at least 1-2 hours under normal conditions

    4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Acrylic Durable Eggshell, in colours as selected. Allow a minimum drying time of 4 hours under normal conditions

    5.1. Number of coats: 2

150 Acrylic Durable Eggshell Eggshell/ satin paint To new MDF REVISED

1. Description: An acrylic durable eggshell designed as a wipeable finish resistant to condensation. It is a low odour, quick drying paint that is resistant to condensation and yellowing.
Ideal for kitchens, bathrooms, schools, hospitals, food production areas, and public buildings.
    - Highly durable and wipeable finish.

- Meets Class 1 of ISO 11998 for scrub resistance.
- Mould resistance.

2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Acrylic Durable Eggshell
3. Surfaces: New MDF
   3.1. Preparation: As clause 400
4. Initial coats: Overall apply Johnstone's Performance Coatings MDF Primer, brushing firmly into the surface and laying off. Take care to treat all accessible faces of the MDF, paying particular attention to end grain and hidden areas, such as the underside of window cills. Allow a minimum drying time of 1-2 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Acrylic Durable Eggshell, in colours as selected. Allow a minimum drying time of 4 hours under normal conditions
   5.1. Number of coats: 2

150 Acrylic Satin Eggshell/ satin paint To new metal REVISED

1. Description: A water based satin finish for use in place of a traditional solvent based product. A premium quality satin sheen finish that is suitable for interior and exterior use on wood and suitably primed metal surfaces. It provides a low odour, high opacity finish that is quick drying and non-yellowing.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Acrylic Satin
3. Surfaces: New Metal
   3.1. Preparation: As clauses 400, 500, 511 & 521
4. Initial coats: Overall apply Johnstone's Performance Coatings Quick Drying Metal Primer. Allow a minimum drying time of 4 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Acrylic Satin. Allow a minimum drying time of 4 hours under normal conditions
   5.1. Number of coats: 2

150 Acrylic Satin Eggshell/ satin paint To new timber REVISED

1. Description: A water based satin finish for use in place of a traditional solvent based product. A premium quality satin sheen finish that is suitable for interior and exterior use on wood and suitably primed metal surfaces. It provides a low odour, high opacity finish that is quick drying and non-yellowing.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Acrylic Satin
3. Surfaces: New Timber
   3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: Overall apply one coat of Johnstone's Joncryl Water Based Primer Undercoat. Allow the primer to dry for at least 1-2 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Acrylic Satin, in colours as selected. Allow a minimum drying time of 4 hours under normal conditions
   5.1. Number of coats: 2

150 Aqua Water Based Satin Eggshell/ satin paint New Metal REVISED

1. Description: Aqua Satin is an innovative, water based satin finish for use on interior and exterior wood and metal. It looks, feels and applies more like a traditional satin finish and is quicker drying and has a low odour. To achieve the best finish use over Johnstone's Aqua Water Based Undercoat. Quick drying and stays whiter for longer.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Aqua Water Based Satin
3. Surfaces: New Metal
   3.1. Preparation: As clauses 400, 500, 511 & 521
4. Initial coats: Overall apply Johnstone's Performance Coatings Quick Drying Metal Primer. Allow a minimum drying time of 4 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 1-2 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Aqua Water Based Satin. Allow a minimum drying time of 4-6 hours under normal conditions
   6.1. Number of coats: 2

150 Aqua Water Based Satin Eggshell/ satin paint To new timber REVISED

1. Description: Aqua Satin is an innovative, water based satin finish for use on interior and exterior wood and metal. It looks, feels and applies more like a traditional satin finish and is quicker drying and has a low odour. To achieve the best finish use over Johnstone's Aqua Water Based Undercoat. Quick drying and stays whiter for longer.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Aqua Water Based Satin
3. Surfaces: New Timber
   3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: All new, bare and prepared surfaces should be treated using Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Aqua Water Based Satin. Allow a minimum drying time of 4-6 hours under normal conditions
   6.1. Number of coats: 1

150 Aqua Water Based Satin Eggshell/ satin paint To new MDF REVISED

1. Description: Aqua Satin is an innovative, water based satin finish for use on interior and exterior wood and metal. It looks, feels and applies more like a traditional satin finish and is quicker drying and has a low odour. To achieve the best finish use over Johnstone's Aqua Water Based Undercoat. Quick drying and stays whiter for longer.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Aqua Water Based Satin
3. Surfaces: New MDF
   3.1. Preparation: As clause 400

4. Initial coats: Overall apply Johnstone's Performance Coatings MDF Primer, brushing firmly into the surface and laying off. Take care to treat all accessible faces of the MDF, paying particular attention to end grain and hidden areas, such as the underside of window cills. Allow to dry thoroughly for 1-2 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Apply overall Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 1-2 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Aqua Water Based Satin. Allow a minimum drying time of 1-2 hours under normal conditions
   6.1. Number of coats: 1

150 Aquaguard Eggshell/ satin paint To new metal - interior use only REVISED

1. Description: A durable, water based satin paint for interior wood and metal. Innovative surface protection technology provides a defence against scratches, wear and tear and greasy finger marks for a long-lasting finish. The paint also has advanced application qualities, good hiding power and long-lasting whiteness.
   - Highly durable.
   - Resists grease, stains and scratches.
   - Good opacity and long-lasting whiteness (long-lasting whiteness is applicable to Brilliant White only).
   - Can be applied via roller/ brush.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Aqua Guard
3. Surfaces: New Metal
   3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: Overall apply Johnstone's Performance Coatings Quick Drying Metal Primer. Allow a minimum drying time of 4 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 1-2 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Aqua Guard. Allow a minimum drying time of 4-6 hours under normal conditions
   6.1. Number of coats:

150 Aquaguard Eggshell/ satin paint To new timber - Interior use only REVISED

1. Description: A durable, water based satin paint for interior wood and metal. Innovative surface protection technology provides a defence against scratches, wear and tear and greasy finger marks for a long-lasting finish. The paint also has advanced application qualities, good hiding power and long-lasting whiteness.
   - Highly durable.
   - Resists grease, stains and scratches.
   - Good opacity and long-lasting whiteness (long-lasting whiteness is applicable to Brilliant White only).
   - Can be applied via roller/ brush.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Aqua Guard
3. Surfaces: New Timber

3.1. Preparation: As clauses 400, 471 & 481

4. Initial coats: All new, bare and prepared surfaces should be treated using Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions

4.1. Number of coats: 1

5. Undercoats: Overall apply Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions

5.1. Number of coats: 1

6. Finishing coats: Overall apply Johnstone's Aqua Guard. Allow a minimum drying time of 4 hours under normal conditions

6.1. Number of coats: 1

150 Aquaguard Eggshell/ satin paint To new MDF REVISED

1. Description: A durable, water based satin paint for interior wood and metal. Innovative surface protection technology provides a defence against scratches, wear and tear and greasy finger marks for a long-lasting finish. The paint also has advanced application qualities, good hiding power and long-lasting whiteness.
    - Highly durable.
    - Resists grease, stains and scratches.
    - Good opacity and long-lasting whiteness (long-lasting whiteness is applicable to Brilliant White only).
    - Can be applied via roller/ brush.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

2.1. Product reference: Johnstone's Aqua Guard

3. Surfaces: New MDF

3.1. Preparation: As clause 400

4. Initial coats: Overall apply Johnstone's Performance Coatings MDF Primer, brushing firmly into the surface and laying off. Take care to treat all accessible faces of the MDF, paying particular attention to end grain and hidden areas, such as the underside of window cills. Allow to dry thoroughly for 1-2 hours under normal conditions

4.1. Number of coats: 1

5. Undercoats: Apply overall Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 1-2 hours under normal conditions

5.1. Number of coats: 1

6. Finishing coats: Overall apply Johnstone's Aqua Guard. Allow a minimum drying time of 1-2 hours under normal conditions

6.1. Number of coats: 1

150 Eggshell Eggshell/ satin paint To new Metal - Interior use only REVISED

1. Description: Eggshell is a premium quality, alkyd based mid sheen finish formulated for interior use. It provides a smooth, even surface that is washable and resistant to condensation. It is suitable for use on interior wood and metal. Do not apply over polystyrene surfaces.
    - Hard wearing.
    - Produces a smooth, washable finish.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

2.1. Product reference: Johnstone's Eggshell

3. Surfaces: New Metal (Interior only)

3.1. Preparation: As clauses 400, 500, 511 & 521

4. Initial coats: Apply Johnstone's Performance Coatings Quick Dry Zinc Phosphate Primer. Allow a minimum drying time of 24 hours under normal conditions

4.1. Number of coats: 1

5. Finishing coats: Overall apply Johnstone's Eggshell. Allow a minimum drying time of 24 hours under normal conditions

5.1. Number of coats: 2

150 Eggshell Eggshell/ satin paint To new timber - Interior use only REVISED

1. Description: Eggshell is a premium quality, alkyd based mid sheen finish formulated for interior use. It provides a smooth, even surface that is washable and resistant to condensation. It is suitable for use on interior wood and metal. Do not apply over polystyrene surfaces.
    - Hard wearing.
    - Produces a smooth, washable finish.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

2.1. Product reference: Johnstone's Eggshell

3. Surfaces: New Timber

3.1. Preparation: As clauses 400, 471 & 481

4. Initial coats: To all bare timber apply Johnstone's Wood Primer, brushing firmly into the surface and laying off in line with the grain. Take care to treat all accessible faces of the timber, paying particular attention to end grain and hidden areas. Allow a minimum drying time of 24 hours under normal conditions.

4.1. Number of coats: 1

5. Finishing coats: Overall apply one coat of Johnstone's Eggshell. Allow a minimum drying time of 24 hours under normal drying conditions

5.1. Number of coats: 2 (Rub down lightly between each applied coat to remove nibs)

150 Eggshell Eggshell/ satin paint To new MDF REVISED

1. Description: Eggshell is a premium quality, alkyd based mid sheen finish formulated for interior use. It provides a smooth, even surface that is washable and resistant to condensation. It is suitable for use on interior wood and metal. Do not apply over polystyrene surfaces.
    - Hard wearing.
    - Produces a smooth, washable finish.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

2.1. Product reference: Johnstone's Eggshell

3. Surfaces: New MDF

3.1. Preparation: As clause 400

4. Initial coats: Overall apply Johnstone's Performance Coatings MDF Primer, brushing firmly into the surface and laying off. Take care to treat all accessible faces of the MDF, paying particular attention to ends and hidden areas, such as the underside of window cills. Allow a minimum drying time of 1-2 hours under normal conditions

4.1. Number of coats: 1

5. Finishing coats: Overall apply Johnstone's Eggshell. Allow a minimum drying time of 24 hours under normal conditions

5.1. Number of coats: 2

150 Flexible Satin Eggshell/ satin paint To new timber REVISED

1. Description: Stormshield Flexible Satin is a flexible, microporous gloss paint. It is designed to provide longer-lasting protection to flaking, cracking and blistering for exterior wood substrates such as softwood, hardwood and plywood panels, and it can also be used on metal. Achieves an eight-year life expectancy when applied in accordance with a project-specific Johnstone's technical specification and BS 6150:2006, 'Painting of buildings. Code of practice'.

2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Stormshield Flexible Satin
3. Surfaces: New timber
   3.1. Preparation: As clauses 400, 471 & 481
4. Initial coats: To all bare, preserved timber apply Johnstone’s Stormshield Flexible Primer Undercoat. Allow a minimum drying time of 24 hours under normal conditions
   4.1. Number of coats: 1
5. Undercoats: Overall apply Johnstone’s Stormshield Flexible Primer Undercoat. Allow a drying time of 24 hours under normal conditions
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone’s Stormshield Flexible Satin. Allow a minimum drying time of 24 hours under normal conditions. Depending on the selected colour shade, additional coats may be required to achieve full opacity
   6.1. Number of coats: 1 (Any additional coats must only be applied after a minimum of 24 hours drying time)

160 Classic Matt Woodstain Decorative woodstain/ varnish/ preservative To new timber REVISED

1. Description: Johnstone’s Classic Matt woodstain has been formulated to provide an easy maintenance protective matt finish for above the ground exterior timber such as rough sawn barge boards, decking and cladding. Suitable for new or bare timber providing a microporous finish which resists cracking, blistering and peeling.
   Offers up to five years weather protection
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Woodworks Classic Matt Woodstain
3. Surfaces: New tmber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: Overall apply a proprietary penetrative wood preservative. Allow a minimum drying time of 24 hours under normal conditions. Omit Preserver if timber is hardwood
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Woodworks Classic Matt Woodstain in the direction of the grain. Allow a minimum drying time of 24 hours under normal conditions
   5.1. Number of coats: 2 (A third coat may be necessary where timber is in poor condition or extra protection is required)

160 GORI 44+ Quick Dry Translucent Wood Stain Decorative woodstain/ varnish/ preservative New timber REVISED

1. Description: Alkyd modified, water based, semi-translucent wood protection which enhances the natural structure of the wood. GORI 44+ gives the wood a decorative and weather resistant surface whilst protecting against the suns UV-rays and preventing surface fungi and mould. Ideal for use on cladding, fences and exterior structures
2. Manufacturer: Gori - a brand of PPG Industries
   2.1. Product reference: GORI 44 + Quick Dry Translucent Woodstain
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: To all new bare and prepared areas apply GORI 11 Wood Preservative. Allow a minimum drying time of 24 hours between applications under normal drying conditions. Omit preserver if timber is hardwood
   4.1. Number of coats: 1/2

5. Finishing coats: Overall apply in the direction of the grain. GORI 44 + Quick Dry Translucent Woodstain. Allow a minimum drying time of 4 hours under normal drying conditions
   5.1. Number of coats: 2

160 Gori 88 Compact Opaque Wood Finish Decorative woodstain/ varnish/ preservative New Timber REVISED

1. Description: Non-drip exterior wood protection for treatment of new and previously treated wood. Containing innovative Slow Release technology, the active ingredients are only released when necessary ensuring a long-lasing quality finish. The opaque finish hides the veining of the wood and is ideal for colour changes. GORI 88 efficiently protects against the suns UV-rays and is suitable for use on windows and exterior doors
2. Manufacturer: Gori - a brand of PPG Industries
   2.1. Product reference: Gori 88 Compact Opaque Wood Finish
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: To all new bare and prepared areas apply GORI 11 Wood Preservative. Allow a minimum drying time of 24 hours under normal drying conditions. Omit Preserver if timber is hardwood
   4.1. Number of coats: 1
5. Finishing coats: Overall apply GORI 88 Compact Opaque Wood Finish. Allow a minimum drying time of 24 hours under normal drying conditions. Ensure all surfaces are coated and that timber is not in direct contact with the ground
   5.1. Number of coats: 3

160 Gori 88 Compact Translucent Wood Stain Decorative woodstain/ varnish/ preservative New Timber REVISED

1. Description: Solvent based, non-drip, durable, semi-transparent wood stain for protecting and decorating exterior wood. Containing innovative Slow Release technology, the active ingredients are only released when necessary ensuring a long-lasting quality finish. Suitable for use on windows, doors and cladding
2. Manufacturer: Gori - a brand of PPG Industries
   2.1. Product reference: Gori 88 Compact Translucent Woodstain
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: To all new bare and prepared areas apply GORI 11 Wood Preservative. Allow a minimum drying time of 24 hours between applications under normal drying conditions. Omit preserver if timber is hardwood
   4.1. Number of coats: 1-2
5. Finishing coats: Overall apply in the direction of the grain. GORI 88 Compact Translucent Woodstain Allow a minimum drying time of 24 hours under normal drying conditions.
   5.1. Number of coats: 3

160 Gori 99 Extreme Opaque Wood Finish Decorative woodstain/ varnish/ preservative New Timber REVISED

1. Description: Water repellent, UV-resisting and extremely opaque. Suitable for colour changes - even from dark to light. This product offers up to 15 years' durability and optimum protections against mould and fungi on the surface thanks to innovative Slow Release technology. The technology ensures that the active agents, which protect the surface film, are only released when necessary - e.g. in humid conditions. When the climate is dry, the active agents will remain

dormant in the product. Therefore, the Slow Release technology gives intelligent protection to the film - when the weather demands it

2. Manufacturer: Gori - a brand of PPG Industries
   2.1. Product reference: Gori 99 Extreme Opaque Wood Finish
3. Surfaces: New Timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: To all new bare and prepared areas GORI 11 Wood Preservative. Allow a minimum drying time of 24 hours between applications under normal drying conditions. Omit preserver if timber is hardwood
   4.1. Number of coats: 1
5. Finishing coats: Overall apply GORI 99 Extreme Opaque Wood Finish. Allow a minimum drying time of 4 hours under normal drying conditions. Ensure all surfaces are coated and that timber is not in direct contact with the ground
   5.1. Number of coats: 3

160 Heavy Duty Yacht Varnish Decorative woodstain/ varnish/ preservative To new timber - exterior use REVISED

1. Description: Heavy Duty Yacht Varnish has been specially formulated for use on all exterior smooth-planed timber, doors and window frames. It provides a flexible varnish film that flexes with the timber surface.
   Resists cracking and peeling
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Woodworks Heavy Duty Yacht Varnish
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: Overall apply a proprietary penetrative wood preservative. Allow a minimum drying time of 24 hours under normal conditions. Omit Preserver if timber is hardwood
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Woodworks Yacht Varnish. Allow a minimum drying time of 24 hours under normal conditions
   5.1. Number of coats: 2

160 Polyurethane Varnish Decorative woodstain/ varnish/ preservative New timber - interior use only REVISED

1. Description: Woodworks Polyurethane Varnish is a traditional quality tough and durable varnish for interior use on bare or previously treated varnished timber. Available in either a gloss or satin finish, it is suitable for use on doors, windows, furniture and all interior smooth planed timber.
   Resistant to mild household chemicals
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Woodworks Polyurethane Varnish
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: Overall apply Johnstone’s Woodworks Polyurethane Varnish. Allow a minimum drying time of 16-24 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Woodworks Polyurethane Varnish. Allow a minimum drying time of 16-24 hours under normal conditions
   5.1. Number of coats: 2 (On porous surfaces a further application may be necessary)

160 Quick Dry Opaque Wood Finish Decorative woodstain/ varnish/ preservative To new timber REVISED

1. Description: Quick Dry Opaque Wood Finish has been formulated to give a long lasting, all weather protective finish. It is suitable for garden furniture and exterior woodwork of both rough sawn and planed timber. It is water based which ensures that most tasks can be completed in one day.
   Up to five years weather protection
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Woodworks Quick Dry Opaque Wood Finish
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: Overall apply Johnstone’s Woodworks Quick Dry Opaque Wood Finish. Allow a minimum drying time of 2-4 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Woodworks Quick Dry Opaque Wood Finish. Allow a minimum drying time of 2-4 hours under normal conditions
   5.1. Number of coats: 2 (Extra protection can be achieved by applying an additional coat of Johnstone’s Woodworks Quick Dry Wood Opaque Finish)

160 Quick Dry Polyurethane Varnish Decorative woodstain/ varnish/ preservative New timber - interior use only REVISED

1. Description: Quick Dry low odour Polyurethane Varnish has been specially formulated for use on all interior timber surfaces. It is available in either a gloss or satin finish and provides a hardwearing durable finish that enhances the natural beauty of the wood. This special formulation is suitable for application over previously varnished or stained surfaces
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Woodworks Quick Dry Polyurethane Varnish
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: Overall apply Johnstone’s Woodworks Quick Dry Polyurethane Varnish. Allow a minimum drying time of 4-6 hours under normal conditions
   4.1. Number of coats: 1 (De-nib using fine wet or dry abrasive paper between each coat of varnish. Use a clean, bit free brush and take all possible precautions to eliminate dust during application and drying)
5. Finishing coats: Overall apply Johnstone’s Woodworks Quick Dry Polyurethane Varnish. Allow a minimum drying time of 4-6 hours under normal conditions
   5.1. Number of coats: 2

160 Quick Dry Satin Woodstain Decorative woodstain/ varnish/ preservative To new timber REVISED

1. Description: Quick Dry Satin Woodstain has been specially formulated to protect and stain smooth planed hardwoods or softwoods. This water based, quick drying formulation ensures that most tasks can be completed in one day.
   Up to six years weather protection
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Woodworks Quick Dry Satin Woodstain
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481

4. Initial coats: Overall apply Johnstone’s Woodworks Quick Dry Stain Woodstain thinned up to 10% clean water in the direction of the grain. Allow a minimum drying time of 2-4 hours under normal drying conditions.
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Woodworks Quick Dry Satin Woodstain in the direction of the grain. Allow a minimum drying time of 2-4 hours under normal drying conditions.
   5.1. Number of coats: 2

160 Satin woodstain Decorative woodstain/ varnish/ preservative To new timber REVISED

1. Description: Satin Woodstain has been specially formulated for smooth timber joinery such as doors, windows, fascia boards, cladding and garden furniture to provide a satin, microporous finish that highlights the natural grain of the wood. It is especially beneficial when used on exterior joinery
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Woodworks Satin Woodstain
3. Surfaces: New timber
   3.1. Preparation: As clauses 400 & 481
4. Initial coats: Overall apply a proprietary penetrative wood preservative. Allow a minimum drying time of 24 hours under normal conditions. Omit Preserver if timber is hardwood
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Woodworks Satin Woodstain in the direction of the grain. Allow a minimum drying time of 24 hours under normal conditions
   5.1. Number of coats: 2 (A third coat may be necessary where timber is in poor condition or extra protection is required)

165 Multicoloured coating

1. Description:
2. Manufacturer:
   2.1. Product reference:
3. Surfaces:
   3.1. Preparation:
4. Initial coats:
   4.1. Number of coats:
5. Undercoats:
   5.1. Number of coats:
6. Finishing coats:
   6.1. Application:
   6.2. Number of coats:
7. Glaze:
   7.1. Number of coats:

170 High Build Masonry Finish Masonry coating To new masonry REVISED

1. Description: Jontex is a one coat finish formulated for exterior use on cement rendering, rough cast, brick, concrete, cement sheeting and suitably prepared plywood panels. It provides flexible, long term protection that covers small cracks and is suitable for application to badly weathered masonry surfaces. It offers long term protection to badly weathered masonry and other surfaces. Achieves a 15 year life expectancy when applied in accordance with a project specific

Johnstone’s Technical Specification and BS 6150, 2006 Code of Practice for Painting Buildings. Heavy duty protection in one coat

2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Jontex High Build Masonry Finish
3. Surfaces: New masonry
   3.1. Preparation: As clauses 400 & 570
4. Initial coats: Dry brush down to remove any powdery material and then apply overall Johnstone’s Stormshield Quick Dry Stabilising Solution Allow a minimum drying time of 2-4 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply one even and uniform coat, until full obliteration is achieved, of Johnstone’s Jontex High Build Textured Masonry Finish. Do not apply when air or surface temperatures are below 10°C (50°F), or when rain is imminent
   5.1. Number of coats: 1

170 Pliolite Based Masonry Finish Masonry coating To new masonry REVISED

1. Description: Stormshield Pliolite Based Masonry Finish is a solvent-based coating designed for exterior use on cement rendering, rough cast, brick and concrete. It provides a smooth matt finish that has excellent adhesion to previously painted and suitably sealed surfaces.
   Achieves a 15-year life expectancy when applied in accordance with a project-specific Johnstone’s Technical Specification and BS 6150:2006, 'Painting of buildings. Code of practice'.
   Can be applied at temperatures down to -5°C, and becomes showerproof in 20 minutes
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Stormshield Pliolite Masonry Finish
3. Surfaces: New Masonry
   3.1. Preparation: As clauses 400 & 570
4. Initial coats: Dry brush down to remove any powdery material and then apply overall Johnstone’s Stormshield Stabilising Solution. Allow a minimum drying time of 24 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Stormshield Pliolite® Based Masonry Finish, unthinned straight from the tin. Allow a minimum drying time of 24 hours under normal conditions.
   5.1. Number of coats: 2

170 Self Cleaning Masonry Masonry coating To new masonry REVISED

1. Description: Stormshield Self-Cleaning Masonry is suitable for application to exterior cement rendering, roughcast, brick and concrete; the coating is also highly flexible. Achieves a 15-year life expectancy when applied in accordance with a project-specific Johnstone’s technical specification and BS 6150:2006, 'Painting of buildings. Code of practice'.
   Formulated using nanotechnology to give an extremely smooth and dirt resisting finish
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Stormshield Self Cleaning Masonry
3. Surfaces: New masonry
   3.1. Preparation: As clauses 400 & 570
4. Initial coats: **For Friable or Porous Surfaces**
   Dry brush down to remove any powdery material and then apply to those areas Johnstone’s Stormshield Quick Dry Stabilising Solution to seal any loose, friable surfaces. Allow a minimum drying time of 2-4 hours under normal conditions.

   For Sound Surfaces

All bare and made good masonry surfaces should be treated with Johnstone's Stormshield Self Cleaning Masonry Finish thinned up to 5% with clean water. Allow a minimum drying time of 12 hours under normal conditions

4.1. Number of coats: 1

5. Finishing coats: Overall apply Johnstone's Stormshield Self Cleaning Masonry Finish. Allow a minimum drying time of 12 hours under normal conditions. Do not apply when air or surface temperatures are below 10°C (50°F), or when rain is imminent

5.1. Number of coats: 2

170 Silicone Masonry Masonry coating To new masonry REVISED

1. Description: Johnstone's Stormshield Silicone Masonry Paint is a high performance full silicone coating designed to provide excellent levels of water and weather resistance. Silicone technology provides high levels of breathability whilst repelling surface water to ensure long lasting protection for exterior surfaces.
Johnstone's Silicone Masonry has been tested and achieves highest in class rating for:
    - EN ISO7783-2 – Determination and classification of water-vapour permeability – achieves Sd value of 0.05
    - EN1062-3 – Determination of liquid water permeability – achieves W value of <0.1
    - EN1062-6 – Determination of carbon dioxide permeability (Anti-Carbonation) – achieves C1
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

    2.1. Product reference: Johnstone's Stormshield Silicone Masonry
3. Surfaces: New masonry

    3.1. Preparation: As clauses 400 & 570
4. Initial coats: **For Friable or Porous Surfaces**
Dry brush down to remove any powdery material and then apply to those areas Johnstone's Stormshield Quick Dry Stabilising Solution to seal any loose, friable surfaces. Allow a minimum drying time of 2-4 hours under normal conditions.

    For Sound Surfaces
All bare and made good masonry surfaces should be treated with Johnstone's Stormshield Silicone Masonry thinned up to 5% with clean water. Allow a minimum drying time of 12 hours under normal conditions

    4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Stormshield Silicone Masonry. Allow a minimum drying time of 12 hours under normal conditions. Do not apply when air or surface temperatures are below 10°C (50°F), or when rain is imminent

    5.1. Number of coats: 2

170 Smooth Masonry Finish Masonry coating New masonry REVISED

1. Description: Johnstone's Smooth Masonry is a durable coating suitable for most masonry surfaces, including cement rendering, brick, stone and blockwork. It is formulated to be shower-resistant after 20 minutes, and can be applied from 2°C and higher. The durable film is tough, offering excellent resistance against dirt and grime, and protects against atmospheric pollution. Achieves a 15-year life expectancy when applied in accordance with a project-specific Johnstone's Technical Specification and BS 6150:2006, 'Painting of buildings. Code of practice'. Certified anti-carbonation properties that protect the substrate from CO2 attack.
Certified to BS EN 1062-6:2002 test method A
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

    2.1. Product reference: Johnstone's Stormshield Smooth Masonry Finish
3. Surfaces: New masonry

    3.1. Preparation: As clauses 400 & 570

4. Initial coats: **For Friable or Porous Surfaces**
   Dry brush down to remove any powdery material and then apply Johnstone's Stormshield Quick Dry Stabilising Solution to seal any loose, friable surfaces. Allow a minimum drying time of 2-4 hours under normal conditions.

   For Sound Surfaces
   All sound, bare surfaces should be sealed with Johnstone's Stormshield Smooth Masonry Finish thinned up to 5% with clean water. Allow a minimum drying time of 2-4 hours under normal conditions. Do not apply when air or surface temperatures are below 2°C (35°F), or when rain is imminent.

   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Stormshield Smooth Masonry Finish. Allow a minimum drying time of 2-4 hours under normal conditions. Do not apply when air or surface temperatures are below 2°C (35°F), or when rain is imminent

   5.1. Number of coats: 2

170 Textured Masonry Finish Masonry coating To new masonry REVISED

1. Description: Stormshield Textured Masonry is formulated for exterior use on concrete, cement rendering, brick and roughcast to provide a fine sand-textured finish that bridges hairline cracks and helps to disguise uneven surfaces. Achieves a 15-year life expectancy when applied in accordance with a project-specific Johnstone's technical specification and BS 6150:2006, 'Painting of buildings. Code of practice'
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

   2.1. Product reference: Johnstone's Stormshield Textured Masonry Finish
3. Surfaces: New Masonry

   3.1. Preparation: As clauses 400 & 570
4. Initial coats: **For Friable or Porous Surfaces**
   Dry brush down to remove any powdery material and then apply Johnstone's Stormshield Quick Dry Stabilising Solution to seal any loose, friable surfaces. Allow a minimum drying time of 2-4 hours under normal conditions.

   For Sound Surfaces
   All sound, bare surfaces should be sealed with Johnstone's Stormshield Textured Masonry Finish thinned up to 5% with clean water. Allow a minimum drying time of 4-6 hours under normal conditions

   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Stormshield Textured Masonry Finish. Allow a minimum drying time of 4-6 hours under normal conditions. Do not apply when air or surface temperatures are below 10°C (50°F), or when rain is imminent

   5.1. Number of coats: 2

172 Flame Retardant Acrylic Eggshell Flame-retardant coating system To new Plaster REVISED

1. Description: Johnstone's Flame Retardant Acrylic Eggshell is a water-borne, flame retardant coating designed to maintain or upgrade a surface to inhibit the spread of flame. For use over new non-combustible or previously painted surfaces up to ten coats, the quick dry, low odour formulation makes it suitable for use on internal wall surfaces and ceiling areas where a durable, washable hard wearing finish is required.
   A two coat system which maintains an existing surface existing surface at Class 1 or Class 0
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries

   2.1. Product reference: Johnstone's Flame Retardant Acrylic Eggshell

3. Reaction to fire rating of system: Class 0 as defined in guidance to Building Regulations (Eng & W)
4. Surfaces: New plaster / plasterboard
   4.1. Preparation: As clauses 400, 580 & 590
5. Initial coats: Overall apply Johnstone's Flame Retardant Acrylic Eggshell, thinned up to 10% by volume with clean water. Allow a minimum drying time of 4 hours under normal conditions.
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Flame Retardant Acrylic Eggshell to achieve a wet film thickness of 83 microns, dry film thickness 29 microns. Allow a minimum drying time of 4 hours under normal drying conditions
   6.1. Number of coats: 2

172 Flame Retardant Durable Matt Flame-retardant coating system To new plaster REVISED

1. Description: Johnstone's Flame Retardant Durable Matt is a water-based, flame retardant coating designed to maintain or upgrade a surface to inhibit the spread of flame. The quick dry, low odour formulation makes it suitable for use on internal wall surfaces and ceiling areas where a durable, washable and hard wearing finish is required.
   A two coat system which maintains or upgrades an existing surface at Class 1 or Class 0
2. Manufacturer: Johnstone's Trade - PPG Industries
   2.1. Product reference: Johnstone's Flame Retardant Durable Matt
3. Reaction to fire rating of system: Class 0 as defined in guidance to Building Regulations (Eng & W)
4. Surfaces: New plaster / plasterboard
   4.1. Preparation: As clauses 400, 580 & 590
5. Initial coats: Overall apply Johnstone's Flame Retardant Durable Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 4 hours under normal conditions.
   5.1. Number of coats: 1
6. Finishing coats: Overall apply Johnstone's Flame Retardant Durable Matt to achieve a wet film thickness of 83 microns, dry film thickness 28 microns. Allow a minimum drying time of 4 hours under normal drying conditions
   6.1. Number of coats: 2

175 Quick Dry Steel & Cladding Protective coating To new steelwork REVISED

1. Description: Johnstone's Quick Drying Steel and Cladding Topcoat has been formulated for use on new, pre-treated, weathered or previously painted metal, and plastisol cladding.
   With its water-based technology, it provides a quick drying, sprayable solution in a satin finish to transform cladding and other metal structures. Offers up to eight years protection
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Quick Dry Steel & Cladding
3. Surfaces: New steelwork
   3.1. Preparation: As clauses 400, 500, 511, 521 & 531
4. Initial coats: All prepared metal surfaces are to be primed overall with Johnstone's Quick Drying Metal Primer to achieve a wet film thickness of 100 microns, dry film thickness 34 microns. Recoating time at 10ºC – 4 hours
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Quick Drying Steel & Cladding Topcoat to achieve a wet film thickness of 90-130 microns, dry film thickness 40-60 microns. Recoating time at 10ºC – 8 hours

6. Application: Brush/roller/spray
   6.1. Number of coats: 2

175 Semi Gloss Topcoat Protective coating To existing plastisol cladding external envelope

1. Description: Steel & Cladding Semi-Gloss Topcoat is a solvent-based paint with a semi-gloss finish that is formulated to provide long-lasting protection against corrosion on exterior metal substrates. It also offers excellent adhesion to pre-treated steel, aluminium and coil coatings. It is UV-resistant and has good water resistance for all-round weather protection.
   Excellent anti-corrosive properties
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Steel & Cladding Semi Gloss Topcoat
3. Surfaces: Plastisol cladding
   3.1. Preparation: As clauses 400 & Degrease using Johnstone’s Performance Coatings Cleaner and Degreaser with scrubbing action to remove any oil contamination. Using high pressure water cleaning, remove all loose/flaking materials, salts and other surface contamination. Allow to dry.
   To any exposed galvanised metal areas use Johnstone’s Performance Coatings Mordant Solution and allow to react, any areas which do not turn dark grey, or black must be degreased and retreated. Rinse substrate thoroughly with fresh water to remove any residue and allow to dry.
   Any exposed metal surfaces which are rusting are to be treated by scraping, chipping, wire brushing, or mechanical means to remove all rust. Before coating the substrate must be made dust free.
   Spot prime all prepared, exposed metal with one coat of Johnstone’s Performance Coatings Single Pack Primer to achieve a wet film thickness of 100 microns, dry film thickness 50 microns
4. Initial coats: Prime overall with Johnstone’s Performance Coatings Single Pack Primer to achieve a wet film thickness of 100 microns, dry film thickness 50 microns
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Performance Coatings Steel and Cladding Coatings Semi Gloss Topcoat to achieve a wet film thickness of 100 microns, dry film thickness 50 microns
6. Application: Brush/roller
   6.1. Number of coats: 2

175 Steel & Cladding Semi Gloss Topcoat Protective coating To new steelwork

REVISED

1. Description: Steel & Cladding Semi-Gloss Topcoat is a solvent-based paint with a semi-gloss finish that is formulated to provide long-lasting protection against corrosion on exterior metal substrates. It also offers excellent adhesion to pre-treated steel, aluminium and coil coatings. It is UV-resistant and has good water resistance for all-round weather protection.
   Excellent anti-corrosive properties
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Steel & Cladding Semi Gloss Topcoat
3. Surfaces: New steelwork
   3.1. Preparation: As clauses 400, 500, 511, 521 & 531
4. Initial coats: All prepared metal surfaces are to be primed overall with Johnstone’s Quick Dry Zinc Phosphate Primer to achieve a wet film thickness of 75 microns, dry film thickness 35 microns. Recoating time at 10ºC –24 hours
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Steel & Cladding Semi Gloss Topcoat to achieve a wet film thickness of 100 microns, dry film thickness 50 microns. Recoating time at 10ºC – 24 hours

6. Application: Brush/roller
   6.1. Number of coats: 2

180 2 Pack Epoxy Solvent Based Floor Paint Floor coating To new concrete floors REVISED

1. Description: A two-pack epoxy solvent-based floor paint that offers a highly durable finish, resistant to chemicals and solvents, abrasion and impact. Designed for concrete, steel, non-ferrous metals and asbestos cement, where a more heavy-duty coating is required for heavy-traffic areas
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's 2 Pack Epoxy Solvent Based Floor Paint
3. Surfaces: New cured concrete
   3.1. Preparation: As clauses 400 & 560
4. Initial coats: Overall apply Johnstone’s 2 Pack Epoxy Solvent Based Floor Paint to achieve a wet film thickness of 100-150 microns, dry film thickness 50-75 microns. Recoating time at 10º C – 24 hours
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s 2 Pack Epoxy Solvent Based Floor Paint to achieve a wet film thickness of 100-150 microns, dry film thickness 50-75 microns. Recoating time at 10º C – 24 hours
   5.1. Number of coats: 2

180 2 Pack Epoxy Water Based Floor Paint Floor coating To new concrete floors REVISED

1. Description: A high-performance, two-pack epoxy water-based semi-gloss floor paint. It is designed for concrete, steel and non-ferrous metals. Non-flammable and low-odour, providing a highly resilient film with good resistance to chemicals and solvents, abrasion and impact
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's 2 Pack Epoxy Water Based Floor Paint
3. Surfaces: New cured concrete
   3.1. Preparation: As clauses 400 & 560
4. Initial coats: Overall apply Johnstone’s Performance Coatings 2 Pack Epoxy Water Based Floor Paint thinned up to 15% by volume with clean water. Recoating time at 10º C – 24 hours
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone’s Performance Coatings 2 Pack Epoxy Water Based Floor Paint to achieve a wet film thickness of 120 microns, dry film thickness 60 microns. Recoating time at 10º C – 24 hours
   5.1. Number of coats: 2

180 Anti Slip Flortred Floor coating To new concrete floors REVISED

1. Description: Anti Slip Flortred paint is a single pack product which is suitable for use on internal concrete, steel and wooden floors in light to medium traffic areas. It provides a semi-gloss finish with a light aggregate for slip resistance.
   Suitable for use externally to mark out small areas such as walkways and car park spaces
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Anti Slip Flortred
3. Surfaces: New cured concrete
   3.1. Preparation: As clauses 400 & 580

4. Initial coats: Overall apply Johnstone's Anti Slip Flortred, thinned with up to 5% clean Fathog White Spirit , to achieve a wet film thickness of 90 microns, dry film thickness 40 microns. Recoating time at 10º C – 24 hours
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Anti Slip Flortred to achieve a wet film thickness of 90 microns, dry film thickness 40 microns. Recoating time at 10º C – 24 hours
   5.1. Number of coats: 2

180 Flortred Floor coating To new concrete floors REVISED

1. Description: A durable, slip-resistant floor paint for medium traffic areas.
   - Semi-gloss coating with added polyurethane to provide increased durability.
   - For use on concrete, steel and wooden floors, for medium traffic surfaces.
   - Resistant to mild chemicals.
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Flortred
3. Surfaces: New cured concrete
   3.1. Preparation: As clauses 400 & 560
4. Initial coats: Overall apply Johnstone's Performance Coatings Flortred, thinned with up to 5% clean Fathog White Spirit , to achieve a wet film thickness of 90 microns, dry film thickness 44 microns. Recoating time at 10º C – 24 hours
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Flortred to achieve a wet film thickness of 90 microns, dry film thickness 44 microns. Recoating time at 10º C – 24 hours.
   5.1. Number of coats: 2

180 Quick Dry Polyurethane Flortred Floor coating To new concrete floors REVISED

1. Description: Johnstone's Quick Dry Polyurethane Flortred has excellent durability compared to conventional solvent based single pack floor coatings. It is durable to wear, scratches, oil and grease spillages and is suitable for light wheeled traffic.
   It is suitable for interior use in light to medium traffic areas such as domestic floors, commercial facilities and light use factories and warehouses as well as exterior use on small areas.
   The coating is suitable in areas where a quick drying, low odour floor coating is needed for areas that need to be used quickly afterwards. To further boost the slip resistance, use with Johnstone's Anti-Slip Additive
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Quick Dry Polyurethane Flortred
3. Surfaces: New cured concrete
   3.1. Preparation: As clauses 400 & 560
4. Initial coats: Overall apply Johnstone's Quick Dry Polyurethane Flortred, thinned up to 10% by volume with clean water. Recoating time at 10º C – 6 hours
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Quick Dry Polyurethane Flortred to achieve a wet film thickness of 100-125 microns, dry film thickness 55 microns. Recoating time at 10º C – 6 hours
   5.1. Number of coats: 2

185 Faux finish/ coating

1. Description:
2. Surfaces:

2.1. Preparation:
3. Initial/ priming coats:
3.1. Number of coats:
4. Undercoats:
4.1. Number of coats:
5. Base coats:
5.1. Number of coats:
6. Faux finish
6.1. Specialist applicator:
6.2. Effect:
6.3. Workings layers:
7. Sealing coats:
7.1. Number of coats:
8. Other requirements:

190 Oil gilding

1. Description:
2. Surfaces:
2.1. Preparation:
3. Initial/ priming coat:
3.1. Number of coats:
4. Undercoat:
4.1. Number of coats:
5. Base coat:
5.1. Number of coats:
6. Gilding
6.1. Applicator:
6.2. Adhesive:
6.3. Leaf:
6.3.1. Quality:
6.3.2. Colour:
7. Finish coat:
7.1. Number of coats:
8. Other requirements:

195 Anti Bacterial Acrylic Eggshell Special coating To new palster/plasterboard REVISED

1. Description: Anti-Bacterial Acrylic Eggshell is a high performance, tough acrylic resin based interior coating formulated to assist in the fight against hospital acquired infections, caused by harmful bacteria and is suitable for areas subject to frequent cleaning.
Formulated using Silver Ion technology, Johnstone’s Microbarr is proven to actively inhibit MRSA and E.coli
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
2.1. Product reference: Johnstone's Microbarr Anti Bacterial Acrylic Eggshell
3. Surfaces: New plaster / plasterboard
3.1. Preparation: As clauses 400, 580 & 590

4. Initial coats: Overall apply Johnstone's Ultra Primer Sealer thinned up to 5% by volume with clean water. Allow a minimum drying time of 3 hours under normal conditions
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Microbarr Anti Bacterial Acrylic Eggshell to achieve a wet film thickness of 83 microns, dry film thickness of 30 microns. Recoating time at 10°C – 3-4 hours
   5.1. Number of coats: 2

195 Anti Bacterial Acrylic Matt Special coating To new plaster/plasterboard

REVISED

1. Description: Anti Bacterial Acrylic Matt is a high performance, tough acrylic resin based interior coating, formulated to assist in the fight against hospital acquired infections, caused by harmful bacteria and is suitable for areas subject to frequent cleaning. Formulated using Silver Ion technology, Johnstone's Microbarr is proven to actively inhibit MRSA and E.coli
2. Manufacturer: Johnstone's Trade - a brand of PPG Industries
   2.1. Product reference: Johnstone's Microbarr Anti-Bacterial Acrylic Matt
3. Surfaces: New plaster / plasterboard
   3.1. Preparation: As clauses 400, 580 & 590
4. Initial coats: Overall apply Johnstone's Microbarr Anti Bacterial Acrylic Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 3-4 hours under normal conditions.
   4.1. Number of coats: 1
5. Finishing coats: Overall apply Johnstone's Microbarr Anti Bacterial Acrylic Matt to achieve a wet film thickness of 83 microns, dry film thickness of 28 microns. Recoating time at 10°C – 3-4 hours
   5.1. Number of coats: 2

195B Sigmafast 205LT Special coating Primer for Intumescent Coatings

REVISED

1. Description: High-build zinc phosphate primer based on modified alkyd resin
2. Manufacturer: PPG Protective Coatings
   2.1. Web: www.ppgpmc.com
   2.2. Email: specifiers.acuk@ppg.com
3. Composition: Two component high build polyamide cured zinc phosphate epoxy primer/ coating
4. Product Reference: PPG Sigmafast 205 LT
5. Colour: A wide range of colors available
6. Volume solids: 70%
7. DFT: Minimum 125um

Generally

210 Coating materials

1. Manufacturers: Obtain materials from any of the following:
2. …….
3. Selected manufacturers: Submit names before commencement of coating work.

215 Handling and storage

1. Coating materials: Deliver in sealed containers, labelled clearly with brand name, type of material and manufacturer's batch number.

2. Materials from more than one batch: Store separately. Allocate to distinct parts or areas of the work.

220 Compatibility

1. Coating materials selected by contractor
   1.1. Recommended by their manufacturers for the particular surface and conditions of exposure.
   1.2. Compatible with each other.
   1.3. Compatible with and not inhibiting performance of preservative/fire retardant pretreatments.

240 Surfaces not to be coated

1. …….

250 Surfaces to be cleaned but not coated

1. …….

280 Protection

1. 'Wet paint' signs and barriers: Provide where necessary to protect other operatives and general public, and to prevent damage to freshly applied coatings.

300 Control samples

1. Sample areas of finished work: Carry out, including preparation, as follows:
2. Types of coating Location
3. M60/ ……. …….
4. Approval of appearance: Obtain before commencement of general coating work.

310 Supervised control samples

1. Sample areas of finished work: Carry out, including preparation, as follows:
2. Types of coating Location
3. M60/ ……. …….
4. Inspection: Give notice when each stage is ready for inspection.
5. Approval of appearance: Obtain before commencement of general coating work.

320 Inspection by coating manufacturers

1. General: Permit manufacturers to inspect work in progress and take samples of their materials from site if requested.

321 Inspection of work stages

1. Programme for inspections: Submit as follows:
2. Types of coating Inspection at completion of
3. M60/ ……. …….
4. Inspection: Give prior notice when each stage is ready for inspection.

Preparation

400 Preparation generally

1. Standard: In accordance with BS 6150.
2. Refer to any pre-existing CDM Health and Safety File.
3. Refer to CDM Construction Phase Plan where applicable.

4. Suspected existing hazardous materials: Prepare risk assessments and method statements covering operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
5. Preparation materials: Types recommended by their manufacturers and the coating manufacturer for the situation and surfaces being prepared.
6. Substrates: Sufficiently dry in depth to suit coating.
7. Efflorescence salts: Remove.
8. Dirt, grease and oil: Remove. Give notice if contamination of surfaces/ substrates has occurred.
9. Surface irregularities: Remove.
10. Joints, cracks, holes and other depressions: Fill flush with surface, to provide smooth finish.
11. Dust, particles and residues from preparation: Remove and dispose of safely.
12. Water based stoppers and fillers
    12.1. Apply before priming unless recommended otherwise by manufacturer.
    12.2. If applied after priming: Patch prime.
13. Oil based stoppers and fillers: Apply after priming.
14. Doors, opening windows and other moving parts
    14.1. Ease, if necessary, before coating.
    14.2. Prime resulting bare areas.

420 Fixtures and fittings

1. Removal: Before commencing work remove: …….
2. Replacement: Refurbish as necessary, refit when coating is dry.

425 Ironmongery

1. Removal: Before commencing work: Remove ironmongery from surfaces to be coated.
2. Hinges:
3. Replacement: Refurbishment as necessary; refit when coating is dry.

430 Existing ironmongery

1. Refurbishment: Remove old coating marks. Clean and polish.

440 Previously coated surfaces generally

1. Preparation: In accordance with BS 6150, clause 11.5.
2. Contaminated or hazardous surfaces: Give notice of:
    2.1. Coatings suspected of containing lead.
    2.2. Substrates suspected of containing asbestos or other hazardous materials.
    2.3. Significant rot, corrosion or other degradation of substrates.
3. Suspected existing hazardous materials: Prepare risk assessments and method statements covering operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
4. Removing coatings: Do not damage substrate and adjacent surfaces or adversely affect subsequent coatings.
5. Loose, flaking or otherwise defective areas: Carefully remove to a firm edge.
6. Alkali affected coatings: Completely remove.
7. Retained coatings
    7.1. Thoroughly clean to remove dirt, grease and contaminants.
    7.2. Gloss coated surfaces: Provide key.

8. Partly removed coatings
   8.1. Additional preparatory coats: Apply to restore original coating thicknesses.
   8.2. Junctions: Provide flush surface.
9. Completely stripped surfaces: Prepare as for uncoated surfaces.

451 Previously coated surfaces - blast cleaning

1. Operatives
   1.1. Trained/ experienced in blast cleaning.
   1.2. Submit evidence of training/ experience on request.
2. Dust and nuisance: Minimize.

456 Previously coated surface - burning off

1. Risk assessment and method statement: Prepare, and obtain approval before commencing work.
2. Adjacent areas: Protect from excessive heat and falling scrapings.
3. Exposed resinous areas and knots: Apply two coats of knotting.
4. Removed coatings: Dispose of safely.

461 Previously coated wood

1. Degraded or weathered surface wood: Take back to provide suitable substrate.
2. Degraded substrate wood: Repair with sound material of same species.
3. Exposed resinous areas and knots: Apply two coats of knotting.

471 Preprimed wood

1. Areas of defective primer: Take back to bare wood and reprime.

481 Uncoated wood

1. General: Provide smooth, even finish with arrises and moulding edges lightly rounded or eased.
2. Heads of fasteners: Countersink sufficient to hold stoppers/fillers.
3. Resinous areas and knots: Apply two coats of knotting.

490 Previously coated steel

1. Defective paintwork: Remove to leave a firm edge and clean bright metal.
2. Sound paintwork: Provide key for subsequent coats.
3. Corrosion and loose scale: Take back to bare metal.
4. Residual rust: Treat with a proprietary removal solution.
5. Bare metal: Apply primer as soon as possible.
6. Remaining areas: Degrease.

500 Preprimed steel

1. Areas of defective primer, corrosion and loose scale: Take back to bare metal. Reprime as soon as possible.

511 Galvanized, sherardized and electroplated steel

1. White rust: Remove.
2. Pretreatment: Apply one of the following:
   2.1. Mordant solution to blacken whole surface.

2.2. Etching primer recommended by coating system manufacturer.

521 Uncoated steel - manual cleaning

1. Oil and grease: Remove.
2. Corrosion, loose scale, welding slag and spatter: Remove.
3. Residual rust: Treat with a proprietary removal solution.
4. Primer: Apply as soon as possible.

531 Uncoated steel - blast cleaning

1. Oil and grease: Remove.
2. Blast cleaning
   2.1. Atmospheric conditions: Dry.
   2.2. Abrasive: Suitable type and size, free from fines, moisture and oil.
   2.3. Surface finish: To BS EN ISO 8501-1, preparation grade …….
3. Primer: Apply as soon as possible and within four hours of blast cleaning.

541 Uncoated aluminium/ copper/ lead

1. Surface corrosion: Remove and lightly key surface.
2. Pretreatment: Etching primer if recommended by coating system manufacturer.

552 Uncoated PVC-U

1. Dirt and grease: Remove. Do not abrade surface.

560 Uncoated concrete

1. Release agents: Remove.

570 Uncoated masonry/ Rendering

1. Loose and flaking material: remove.

580 Uncoated plaster

1. Nibs, trowel marks and plaster splashes: Scrape off.
2. Overtrowelled ‘polished’ areas: Key lightly.

590 Uncoated plasterboard

1. Depressions around fixings: Fill with stoppers/ fillers

601 Uncoated plasterboard - to receive textured coating

1. Joints: Fill, tape and feather out with materials recommended by textured coating manufacturer.

611 Wall coverings

1. Retained wall coverings: Check that they are in good condition and well adhered to substrate.
2. Previously covered walls: Wash down to remove paper residues, adhesive and size.

622 Organic growths

1. Dead and loose growths and infected coatings: Scrape off and remove from site.
2. Treatment biocide: Apply appropriate solution to growth areas and surrounding surfaces.
3. Residual effect biocide: Apply appropriate solution to inhibit re-establishment of growths.

631 Previously painted windows frames

1. Paint encroaching beyond glass sight line: Remove.
2. Loose and defective putty: Remove.
3. Putty cavities and junctions between previously painted surfaces and glass: Clean thoroughly.
4. Finishing
   4.1. Patch prime, reputty as necessary, and allow to set.
   4.2. Seal and coat as soon as fully set.

640 External pointing to existing frames

1. Defective sealant pointing: Remove.
2. Joint depth: Approximately half joint width; adjust with backing strip if necessary.
3. Sealant
   3.1. Manufacturer:
      3.1.1. Product reference:
   3.2. Preparation and application: As section Z22.

645 Sealing of internal movement joints

1. General: To junctions of walls and ceilings with architraves, skirtings and other trims.
2. Sealant: Water-borne acrylic.
   2.1. Manufacturer:
      2.1.1. Product reference:
   2.2. Preparation and application: As section Z22.

651 Existing gutters

1. Dirt and debris: Remove from inside of gutters.
2. Defective joints: Clean and seal with suitable jointing material.

Application

711 Coating generally

1. Application standard: In accordance with BS 6150, clause 9.
2. Conditions: Maintain suitable temperature, humidity and air quality during application and drying.
3. Surfaces: Clean and dry at time of application.
4. Thinning and intermixing of coatings: Not permitted unless recommended by manufacturer.
5. Overpainting: Do not paint over intumescent strips or silicone mastics.
6. Priming coats
   6.1. Thickness: To suit surface porosity.
   6.2. Application: As soon as possible on same day as preparation is completed.
7. Finish
   7.1. Even, smooth and of uniform colour.
   7.2. Free from brush marks, sags, runs and other defects.
   7.3. Cut in neatly.
8. Doors, opening windows and other moving parts: Ease before coating and between coats.

720 Priming joinery

1. Preservative treated timber: Retreat cut surfaces with two flood coats of a suitable preservative before priming.
2. End grain: Coat liberally allow to soak in, and recoat.

730 Workshop coating of concealed joinery surfaces

1. General: Apply coatings to all surfaces of components.

731 Site coating of concealed joinery surfaces

1. General: After priming, apply additional coatings to surfaces that will be concealed when fixed in place.
   1.1. Components:
   1.2. Additional coatings:

740 Concealed metal surfaces

1. General: Apply additional coatings to surfaces that will be concealed when component is fixed in place.
   1.1. Components:
   1.2. Additional coatings:

751 Staining wood

1. Primer: Apply if recommended by stain manufacturer.
2. Application: Apply in flowing coats and brush out excess stain to produce uniform appearance.

760 Varnishing wood

1. First coat:
   1.1. Brush well in and lay off avoiding aeration.
2. Subsequent coats: Provide light key and smooth along the grain between coats.

770 External doors

1. Bottom edges: Prime and coat before hanging doors.

780 Bead glazing to coated wood

1. Before glazing: Apply first two coats to rebates and beads.

790 Linseed oil putty glazing

1. Setting: Allow putty to set for seven days.
2. Sealing
   2.1. Within a further 14 days, seal with a solvent-borne primer.
   2.2. Fully protect putty with coating system as soon as it is sufficiently hard.
   2.3. Extend finishing coats on to glass up to sight line.

800 Glazing

1. Etched, sand blasted and ground glass: Treat or mask edges before coating to protect from contamination by oily constituents of coating materials.

810 Water repellent

1. Application: Liberally flood surface, giving complete and even coverage.

Deleted clauses

150 Metal Eggshell/ satin paint Acrylic Durable Eggshell DELETED

Ω End of Section

Specification created using NBS Chorus