

PPG Architectural Coatings UK Limited

# Sector Masters

PPG/JT/002

Commercial / Offices

30-09-2021

## Contents

<b>M60 Painting/clear finishing.....</b>	<b>1</b>
--	----------

## M60 Painting/clear finishing

### Coating systems

#### 110 Perfect Matt Emulsion paint TO CEILINGS AND WALLS WITH CRITICAL LIGHT

---

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.  
Seal absorbent surfaces with a coat of Johnstone's Trade Perfect Matt thinned up to 5–10% with clean water. Do not apply in temperatures below 8°C.  
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 Perfect Matt
3. **Surfaces:** New plaster / plasterboard
  - 3.1. **Preparation:** As clauses 400, 580 & 590
4. **Initial coats:** Overall apply Johnstone's Trade Perfect Matt, 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:** One
6. **Finishing coats:** Overall apply Johnstone's Trade Perfect Matt. Allow a minimum drying time of 2-4 hours under normal conditions.
  - 6.1. **Number of coats:** Two

#### 110A Covaplus Vinyl Matt Emulsion Emulsion paint TO CEILINGS GENERALLY

---

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:** One
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:** Two

#### 110B Airpure Emulsion paint TO CEILINGS AND WALLS GENERALLY

---

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 Air Pure
  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:** One
  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:** Two

## **110C Acrylic Durable Matt Emulsion paint TO WALLS IN NON CIRCULATION AREAS**

---

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:** One
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:** Two

## **110D Cleanable Matt Emulsion paint TO WALLS IN CIRCULATION AREAS**

---

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:** One
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: Two

## **110E Perfect Matt Emulsion paint TO CEILINGS AND WALLS SUBJECT TO CRITICAL LIGHT**

---

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.  
Seal absorbent surfaces with a coat of Johnstone's Trade Perfect Matt thinned up to 5–10% with clean water. Do not apply in temperatures below 8°C.  
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 Perfect Matt
3. **Surfaces:** Existing previously painted plaster / plasterboard
  - 3.1. **Preparation:** As clauses 440
4. **Initial coats:** Spot prime all bare areas with Johnstone's Trade Perfect Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2-4 hours under normal drying conditions.
5. **Number of coats:** One
6. **Finishing coats:** Overall apply Johnstone's Trade Perfect Matt. Allow a minimum drying time of 2-4 hours under normal conditions.
  - 6.1. **Number of coats:** Two (NB Extreme colour changes may require the application of an additional coat.)

## **110F Covaplus Vinyl Matt Emulsion Emulsion paint TO CEILINGS GENERALLY**

---

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:** Existing previously painted plaster / plasterboard
  - 3.1. **Preparation:** As clauses 440
4. **Initial coats:** Spot prime all bare areas with 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 drying conditions.
5. **Number of coats:** One
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:** Two (NB Extreme colour changes may require the application of an additional coat.)

## **110G Airpure Emulsion paint TO CEILINGS AND WALLS GENERALLY**

---

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 Air Pure
3. **Surfaces:** Existing previously painted plaster / plasterboard
  - 3.1. **Preparation:** As clauses 440
4. **Initial coats:** Spot prime all bare or made good areas with Johnstone's Air Pure Matt, thinned up to 5% by volume with clean water. Allow a minimum drying time of 4 hours under normal drying conditions.
5. **Number of coats:** One
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:** Two (NB Extreme colour changes may require the application of an additional coat.)

## **110H Acrylic Durable Matt Emulsion paint TO WALLS IN NON CIRCULATION AREAS**

---

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:** Existing previously painted plaster / plasterboard
  - 3.1. **Preparation:** As clauses 440
4. **Initial coats:** Spot prime all bare areas with Johnstone's Acrylic Durable Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2-4 hours under normal drying conditions.
5. **Number of coats:** One
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:** Two (NB Extreme colour changes may require the application of an additional coat.)

## **110I Cleanable Matt Emulsion paint TO WALLS IN CIRCULATION AREAS**

---

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:** Existing previously painted plaster / plasterboard
  - 3.1. **Preparation:** As clauses 440
4. **Initial coats:** Spot prime all bare areas with Johnstone's Cleanable Matt, thinned up to 10% by volume with clean water. Allow a minimum drying time of 2-4 hours under normal drying conditions.

5. Number of coats: One
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: Two (NB Extreme colour changes may require the application of an additional coat.)

## **130 Aqua Water Based Gloss Gloss paint TO TIMBER SUBSTRATES GENERALY**

---

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.
  - Low odour.
  - Quick drying.
  - Less yellowing.
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:** One
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:** One
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:** One

## **130A Aqua Water Based Gloss Gloss paint TO MDF SUBSTRATES GENERALY**

---

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.
  - Low odour.
  - Quick drying.
  - Less yellowing.
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 clauses 400, 471 & 481
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:** One
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: One
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: One

### **130B Smooth Metal Paint Gloss paint TO METAL SUBSTRATES**

---

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.
  - Five years' protection.
  - Anti-corrosive.
  - Excellent adhesion.
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
4. **Finishing coats:** Overall apply one coat of 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 10°C – 24 hours. The application of a second coat must be carried out 2 hours after the 1st application.

  - 4.1. Number of coats: Two

### **130C Aqua Water Based Gloss Gloss paint TO TIMBER SUBSTRATES**

---

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.
  - Low odour.
  - Quick drying.
  - Less yellowing.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Aqua Water Based Gloss
3. **Surfaces:** Existing previously painted timber
  - 3.1. **Preparation:** As clauses 440, 456 & 461
4. **Initial coats:** Spot prime all made good or filled areas using Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions.
  - 4.1. Number of coats: One
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: One
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: One

### **130D Aqua Water Based Gloss Gloss paint TO MDF SUBSTRATES GENERALLY**

---

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.

- Low odour.
  - Quick drying.
  - Less yellowing.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
    - 2.1. **Product reference:** Johnstone's Aqua Water Based Gloss
  3. **Surfaces:** Existing previously painted MDF
    - 3.1. **Preparation:** As clauses 440, 456 & 461
  4. **Initial coats:** Spot coat all made good areas using Johnstone's Performance Coatings MDF Primer. Allow a minimum drying time of 1-2 hours under normal conditions.
    - 4.1. **Number of coats:** One
  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:** One
  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:** One

### **130E Smooth Metal Paint Gloss paint TO METAL SUBSTRATES**

---

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.
  - Five years' protection.
  - Anti-corrosive.
  - Excellent adhesion.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Smooth Metal Paint
3. **Surfaces:** Existing previously Painted metal
  - 3.1. **Preparation:** As clauses 440, 451, 456, 490 &  
**Ferrous Metal**  
Remove any heavy rust deposits which may have formed since the manufacture of the substrate by using methods appropriate to site conditions such as wire brushing, chipping, blast cleaning to Sa2½ profile sweep, or light blast cleaning.  
**Galvanised Metal**  
Thoroughly degrease any bare surfaces by swabbing 2 or 3 times using Johnstone's Performance Coatings Cleaner and Degreaser to remove all traces of oil or grease which may interfere with the etchant nature of the primer.  
  
To any bright, galvanised surfaces brush or sponge apply Johnstone's Performance Coatings Mordant Solution aiming to achieve an even colour change to a black shade. Any areas not showing this change should be retreated. Rinse thoroughly with clean water after allowing 30 minutes reaction time from application.
4. **Finishing coats:** Overall apply one coat of 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 10°C – 24 hours. The application of a second coat must be carried out 2 hours after the 1st application.
  - 4.1. **Number of coats:** Two

## **150 Acrylic Durable Eggshell Eggshell/ satin paint TO WALLS IN KITCHENS & BATHROOMS / WC's**

---

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.
  - 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:** One
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:** Two

## **150A Aqua Guard Water Based Satin Eggshell/ satin paint TO TIMBER SUBSTRATES GENERALLY**

---

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 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:** One
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:** One
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:** Two

## **150B Aqua Guard Water Based Satin Eggshell/ satin paint TO MDF SUBSTRATES GENERALLY**

---

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 Water Based Satin
  3. **Surfaces:** New MDF
    - 3.1. **Preparation:** As clauses 400, 471 & 481
  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:** One
  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:** One
  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:** Two

### **150C Acrylic Durable Eggshell Eggshell/ satin paint TO WALLS IN KITCHENS & BATHROOMS / WC's**

---

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.
  - 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:** Existing previously painted plaster / plasterboard
  - 3.1. **Preparation:** As clauses 440
4. **Initial coats:** Spot prime all bare areas with Johnstone's Performance Coatings Ultra Primer Sealer. Allow a minimum drying time of 3 hours under normal conditions.
  - 4.1. **Number of coats:** One
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:** One

### **150D Aqua Guard Water Based Satin Eggshell/ satin paint TO TIMBER SUBSTRATES GENERALLY**

---

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 Water Based Satin
  3. **Surfaces:** Existing previously painted timber
    - 3.1. **Preparation:** As clauses 440, 456 & 461
  4. **Initial coats:** Spot prime all made good or filled areas using Johnstone's Aqua Water Based Undercoat. Allow a minimum drying time of 4-6 hours under normal conditions.
    - 4.1. **Number of coats:** One
  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:** One
  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:** One

### **150E Aqua Guard Water Based Satin Eggshell/ satin paint TO MDF SUBSTRATES GENERALLY**

---

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 Water Based Satin
3. **Surfaces:** Existing previously painted MDF
  - 3.1. **Preparation:** As clauses 440, 456 & 461
4. **Initial coats:** Spot coat all made good areas using Johnstone's Performance Coatings MDF Primer. Allow a minimum drying time of 1-2 hours under normal conditions.
  - 4.1. **Number of coats:** One
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:** One
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:** One

### **160 Durable Quick Dry Polyurethane Varnish Decorative woodstain/ varnish/ preservative TO TIMBER SUBSTRATES GENERALLY**

---

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.
  - Water based.
  - Durable.
  - Tough.

2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Durable Quick Dry Polyurethane Varnish
3. **Surfaces:** New timber
  - 3.1. **Preparation:** As clause 400
4. **Initial coats:** Overall apply Johnstone's Woodworks Durable Quick Dry Polyurethane Varnish. Allow a minimum drying time of 4-6 hours under normal conditions.
  - 4.1. **Number of coats:** One  
(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 Durable Quick Dry Polyurethane Varnish. Allow a minimum drying time of 4-6 hours under normal conditions.
  - 5.1. **Number of coats:** Two

### **160A Quick Dry Satin Wood Stain Decorative woodstain/ varnish/ preservative TO TIMBER SUBSTRATES GENERALLY**

---

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.
  - Low odour.
  - UV resistant.
  - Non yellowing.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Quick Dry Satin Wood Stain
3. **Surfaces:** New timber
  - 3.1. **Preparation:** As clause 400
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:** One  
(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 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:** Two

### **160B Quick Dry Opaque Wood Finish Decorative woodstain/ varnish/ preservative TO TIMBER SUBSTRATES GENERALLY**

---

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.
  - Quick drying.
  - Water based.
  - Weather protective.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Quick Dry Opaque Wood Finish
3. **Surfaces:** New timber
  - 3.1. **Preparation:** As clause 400

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:** One  
(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 Opaque Wood Finish. Allow a minimum drying time of 2-4 hours under normal conditions.
  - 5.1. **Number of coats:** Two

### **160C Durable Quick Dry Polyurethane Varnish Decorative woodstain/ varnish/ preservative TO TIMBER SUBSTRATES GENERALLY**

---

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.
  - Water based.
  - Durable.
  - Tough.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Durable Quick Dry Polyurethane Varnish
3. **Surfaces:** Existing previously varnished timber
  - 3.1. **Preparation:** As clause 440 & Ensure any bare timber which may be wetted during the washing down process is allowed to completely dry prior to receiving an initial coat of varnish.
4. **Initial coats:** To any bare timber apply Johnstone's Woodworks Quick Dry Polyurethane Varnish.
  - 4.1. **Number of coats:** One (Where required.) (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 Durable Quick Dry Polyurethane Varnish. Allow a minimum drying time of 4-6 hours under normal conditions.
  - 5.1. **Number of coats:** Two

### **160D Quick Dry Satin Wood Stain Decorative woodstain/ varnish/ preservative TO TIMBER SUBSTRATES GENERALLY**

---

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.
  - Low odour.
  - UV resistant.
  - Non yellowing.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Quick Dry Satin Wood Stain
3. **Surfaces:** Existing previously stained timber
  - 3.1. **Preparation:** As clause 440
4. **Initial coats:** Bring forward all bare areas with one or more coats of Johnstone's Woodworks Quick Dry Satin Woodstain, to match to the colour of the existing woodstain. Allow a minimum drying time of 2-4 hours under normal conditions.
  - 4.1. **Number of coats:** One or more  
(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 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: Two

### **160E Quick Dry Opaque Wood Finish Decorative woodstain/ varnish/ preservative TO TIMBER SUBSTRATES GENERALLY**

---

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.
  - Quick drying.
  - Water based.
  - Weather protective.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Quick Dry Opaque Wood Finish
3. **Surfaces:** Existing previously stained/painted timber
  - 3.1. **Preparation:** As clause 440
4. **Initial coats:** Over any bare areas apply a spot coat of 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:** One  
(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 Opaque Wood Finish. Allow a minimum drying time of 2-4 hours under normal conditions.
  - 5.1. **Number of coats:** Two

### **175 Flame Retardant Durable Matt Protective coating TO CEILINGS REQUIRING CLASS 0 SPREAD OF FLAME**

---

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 that maintains or upgrades an existing surface at Class 1 or Class 0.
  - Water based.
  - Low odour.
  - Quick drying.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Flame Retardant Durable Matt
3. **Surfaces:** New plaster / plasterboard
  - 3.1. **Preparation:** As clauses 400, 580 & 590
4. **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.
  - 4.1. **Number of coats:** One
5. **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. **Application:** Brush or Roller
  - 6.1. **Number of coats:** Two

## **175A Flame Retardant Acrylic Eggshell Protective coating TO WALLS REQUIRING CLASS 0 SPREAD OF FLAME**

---

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 that maintains an existing surface at Class 1 or Class 0.
  - Water-based.
  - Low odour.
  - Quick-drying.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Flame Retardant Acrylic Eggshell
3. **Surfaces:** New plaster / plasterboard
  - 3.1. **Preparation:** As clauses 400, 580 & 590
4. **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.
  - 4.1. **Number of coats:** One
5. **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. **Application:** Brush or Roller
  - 6.1. **Number of coats:** Two

## **180 Two Pack Epoxy Water Based Floor Paint Floor coating TO BACK OF HOUSE AREA AND PLANT ROOM FLOORS**

---

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.
  - Non-flammable.
  - Low-odour.
  - Good chemical resistance.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
  - 2.1. **Product reference:** Johnstone's Two Pack Epoxy Water Based Floor Paint
3. **Surfaces:** New fully 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.
  - 4.1. **Number of coats:** One
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.
  - 5.1. **Number of coats:** Two (Note; Allow the completed paint coatings 7 days to fully cure before heavy traffic is put into operation over the floor.)

## **180A Two Pack Epoxy Water Based Floor Paint Floor coating TO BACK OF HOUSE AREA AND PLANT ROOM FLOORS**

---

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.



- Non-flammable.
  - Low-odour.
  - Good chemical resistance.
2. **Manufacturer:** Johnstone's Trade - a brand of PPG Industries
    - 2.1. **Product reference:** Johnstone's Two Pack Epoxy Water Based Floor Paint
  3. **Surfaces:** Existing previously painted concrete
    - 3.1. **Preparation:** As clauses 440 & Scrape back to a firm edge any loose, flaking or defective coatings. Abrade existing floor coating to achieve a satisfactory key. Remove all loose, unsound debris or dirt, prior to the application of any paint coating.

Any cracks and pits in the concrete substrate should be repaired and levelled to the existing with a suitable concrete repair media following manufacturers instructions. Allow to fully dry prior to painting.

4. **Initial coats:** To bare concrete areas Johnstone's 2 Pack Epoxy Water Based Floor Paint thinned up to 15% by volume with clean water.
  - 4.1. **Number of coats:** One
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.
  - 5.1. **Number of coats:** Two (Note; Allow the completed paint coatings 7 days to fully cure before heavy traffic is put into operation over the floor.)

## Generally

### 210 Coating materials

---

1. **Manufacturers:** Obtain materials from any of the following:
2. Johnstone's Trade - a brand of PPG Industries.
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 surfaces – 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 window 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: Waterborne 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.

Ω End of Section



Specification created using NBS Chorus