

PPG Architectural Coatings UK Limited

# Sector Masters

PPG/JT/001

CAWS - M60 D of E

25-08-2021

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## M60 Painting/clear finishing

### Coating systems

#### 110 Covaplus Vinyl Matt Emulsion Emulsion paint TO CEILINGS WITHIN GENERAL AREAS (NORMAL DUTY)

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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

#### 110A Acrylic Durable Matt Emulsion paint TO WALLS WITHIN GENERAL AREAS (NORMAL DUTY)

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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

#### 110B Acrylic Durable Matt Emulsion paint TO EXPOSED CONCRETE SOFFITS WITHIN GENERAL AREAS (NORMAL DUTY)

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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 fully cured concrete
    - 3.1. **Preparation:** As clauses 400, 560 & 570
  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

### **110C Acrylic Durable Matt Emulsion paint TO CEILINGS WITHIN HEAVY DUTY AREAS**

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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

### **150 Acrylic Durable Eggshell Eggshell/ satin paint TO WALLS WITHIN HEAVY DUTY AREAS**

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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 Acrylic Durable Eggshell Eggshell/ satin paint TO EXPOSED CONCRETE SOFFITS WITHIN HEAVY DUTY AREAS**

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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 fully cured concrete
  - 3.1. **Preparation:** As clauses 400, 560 & 570
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

### **150B Aqua Guard Eggshell/ satin paint TO INTERIOR WOODWORK GENERALLY**

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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: 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

## **195 Microbarr Anti-Bacterial Acrylic Eggshell Special coating TO WALLS AN CEILING IN KITCHENS / FOOD ROOMS AND MEDICAL AREAS**

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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.  
Developed using Silver Ion Technology to inhibit bacteria and provide a tough, washable finish
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:** One
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
  - 5.1. **Number of coats:** Two

### **Generally**

#### **210 Coating materials**

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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**

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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**

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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**

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1. Areas of suspended lay-in-grid acoustic ceiling tiles, acoustic wall panelling, sports hall blockwork walls.

#### **280 Protection**

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

#### **320 Inspection by coating manufacturers**

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

## Preparation

### 400 Preparation generally

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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.

### 425 Ironmongery

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1. Removal: Before commencing work: Remove ironmongery from surfaces to be coated.
2. Hinges: Do not remove
3. Replacement: Refurbishment as necessary; refit when coating is dry.

### 471 Preprimed wood

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

### 481 Uncoated wood

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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.

### 560 Uncoated concrete

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1. Release agents: Remove.

### 570 Uncoated masonry/ Rendering

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1. Loose and flaking material: remove.

### 580 Uncoated plaster

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1. Nibs, trowel marks and plaster splashes: Scrape off.

2. Overtrowelled 'polished' areas: Key lightly.

## **590 Uncoated plasterboard**

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1. Depressions around fixings: Fill with stoppers/ fillers

## **622 Organic growths**

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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.

## **645 Sealing of internal movement joints**

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

## **651 Existing gutters**

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

## **Application**

### **711 Coating generally**

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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**

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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**

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



## **780 Bead glazing to coated wood**

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

Ω End of Section



Specification created using NBS Chorus