

## EXTERNAL WORKS.

### PREPARATION GENERALLY.

1. STANDARD IN ACCORDANCE WITH BS6150; 2006 Painting of Buildings – Code of practice (+A1:2014) or later additions and BS EN ISO 12944: 1998 Paints and Varnishes – Corrosion Protection of Steel Structures by Protective Paint Systems (or as amended)
2. PAINT MANUFACTURER MUST BE BES 6001 (Responsible sourcing of construction products) CERTIFIED AND BE ABLE TO PROVIDE RISK ASSESSMENT AND METHOD STATEMENT FOR HAZARDOUS MATERIALS.
3. RECYCLING OF PAINT CANS MUST BE CARRIED OUT USING AN AUDITED AND CERTIFIED RECYCLING SCHEME WITH THE ENVIRONMENT IN MIND WITH NO CANS BEING SENT TO LANDFILL. PROOF OF THIS MAY BE REQUESTED AT ANY TIME DURING THE CONTRACT AND SHOULD BE PROVIDED ANNUALLY. SURPLUS PRODUCT SHOULD BE DONATED TO A COMMUNITY BASED SCHEME OR PROJECT FOR REUSE.
4. PREPARATION MATERIALS: TYPES RECOMMENDED BY THEIR MANUFACTURERS AND THE COATING MANUFACTURER FOR THE SITUATION AND SURFACES BEING PREPARED.
5. SUBSTRATES: SUFFICIENTLY DRY IN DEPTH TO SUIT COATING.
6. REMOVE EFFLORESCENCE SALTS, DIRT, GREASE AND OIL.
7. SURFACE IRREGULARITIES: PROVIDE SMOOTH FINISH.
8. ORGANIC GROWTHS AND INFECTED COATINGS: REMOVE WITH ASSISTANCE OF BIOCIDES SOLUTION.
9. APPLY RESIDUAL EFFECT BIOCIDES SOLUTION TO INHIBIT REGROWTH.
10. JOINTS CRACKS HOLES AND OTHER DEPRESSIONS: FILL WITH STOPPERS/FILLERS. PROVIDE SMOOTH FINISH.
11. DUST PARTICLES AND RESIDUES FROM PREPARATION: REMOVE AND DISPOSE OF SAFELY.
12. DOORS OPENING WINDOWS AND OTHER PARTS: EASE IF NECESSARY BEFORE COATING: PRIME RESULTING BARE AREAS.

### PRODUCT PERFORMANCE.

This specification is based on product performance and the products to be proposed by the contractor must be approved in writing by Southampton City Council at Tender Stage, but most certainly prior to the application of any decorative finish. Failure to seek approval at tender stage may result in tender application becoming void. In addition, approved product manufacturers should be willing to provide **added value** services ensure best value for money for **Southampton City Council**

## Summary of Performance for EXTERNAL Finishing Coats

<u>AREA</u>	<u>LONGEVITY</u>	<u>BASE</u>	<u>Re-Coat</u>	<u>Coverage</u>
<p>Previously Painted Masonry/Cement Fibre Boards</p> <p>( NON PLIOLITE Solvent Based Option )</p> <p>( EXT 1 )</p>	UP TO 15 YEARS	SOLVENT/OIL BASED ( NO PLIOLITE )	1-2 HRS	14-16 Sqm/ Ltr
<p>Previously Painted Masonry Summer Months Only</p> <p>(Water Based Option)</p> <p>(EXT 2)</p>	UP TO 15 YEARS	WATER BASED	2-4 HRS	14 Sqm/Ltr
<p>Previously PAINTED Timberwork</p> <p>( EXT 3 )</p>	UP TO 8 YEARS  (NO Interim Maintenance coat)	SOLVENT BASED	16-24 HRS	18 Sqm/ ltr
<p>Previously STAINED Timberwork</p> <p>( EXT 4 )</p>	UP TO 10 YEARS  (NO Interim Maintenance coat)	SOLVENT BASED	16 HRS	20 Sqm/ Ltr
<p>Previously Painted Metalwork (Ferrous)</p> <p>( EXT 5 )</p>	UP TO 8 YEARS  (NO Interim Maintenance coat)	SOLVENT BASED	4-6 HRS	13 Sqm/Ltr
<p>Previously Painted Metalwork (Galvanised)</p> <p>( EXT 6 )</p>	UP TO 8 YEARS  (NO Interim Maintenance coat)	SOLVENT BASED	4-6 HRS	13 Sqm/Ltr
<p>Pre Finished Surface</p> <p>(EXT 7)</p>	UP YO 8 YEARS (DEPENDING ON FINISHED PRODUCT)	WATER BASED PRIMER  SOLVENT BASED FINISH COATS	16hrs	10 Sqm.Lt

## **In Addition to the above:**

### **Sustainability**

Contractor to show evidence of responsible waste management systems (i.e. No Paint tins to Land Fill)

Manufacturer to have robust Environmental Policies and targeted reductions in CO2 emissions, water usage, VOC and waste reduction programme across the total value chain associated with their products, preferably audited through external accreditation e.g. The Carbon Trust. Manufacturer to provide EPDs for products specified

### **Best Value for Money:**

- Paint Manufacturer should provide Detailed Specifications, Product and Safety Data Sheets for approval and for On Site Reference.
- Paint Manufacturer to complete FOC colour Schemes for Southampton City Council Approval.
- Paint Manufacturer should adhere to strict Southampton City Council Site Inspection policy, whereby a detailed site inspection report should be forwarded within an agreed time frame.
- Paint Volumes for each project should be recorded by the paint manufacturer for an agreed timeframe.
- Paint Manufacturer should provide Attendance at pre-contract, progress, and project sign off meetings
- Paint Manufacturer should provide On-site quality inspections backed by written technical reports
- Paint Manufacturer should provide Benchmarked quality standards with clearly stated KPIs
- Paint Manufacturer should provide Training where required of contractors' and clients' staff

## SPECIFICATION NO. EXT 1.

### PREVIOUSLY PAINTED EXTERNAL MASONRY WALLS/CEMENT FIBRE BOARDS. (SOLVENT BASED OPTION)

The contractor shall wash; clean; prepare prime and paint all previously painted external masonry Walls OR Cement Fibre Boards identified within each schedule of works. Areas are to be cleaned primed and painted with a **flexible, smooth, solvent-based masonry paint for use all-year round on exterior walls. It should give up to 15 years protection and be suitable for use in difficult climates. It should use NON PLIOLITE allowing quick drying and recoat times, even in cold conditions and be able to withstand rainfall within 15 minutes of application.**

Use the number of coats specified in strict accordance with this specification and the manufacturer's instructions.

### PRODUCT PERFORMANCE.

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### PRODUCT REFERENCE.

The contractor shall supply and apply **SMOOTH SOLVENT BASED MASONRY PAINT** to all previously painted masonry walls or cement fibre boards etc. which are identified within each schedule of works to be cleaned primed and painted

**COLOURS:** to be confirmed **by client**

### PREPARATION.

- Algae moss lichen and mould growths must be removed as far as is practicable by thorough scraping followed by brushing with stiff fibre brushes.
- **DO NOT USE WIRE BRUSHES** as strands can detach and could appear after re-painting as rust stains.
- To kill any residual growth the affected surface should then be treated with **MULTI-SURFACE FUNGICIDAL WASH.**
- After 24 hours rinse off and allow to dry.
- A second treatment is sometimes required.
- Ensure all surfaces are fully dry before proceeding.
- Do not apply in wet weather.
- Thoroughly clean down the surfaces to remove all dirt grease and surface contaminants.
- Allow to dry.
- Remove all blistered poorly adhering or otherwise defective coatings.
- Remove all loose or powdery material by vigorously brushing down with suitable stiff brushes and dust off. **DO NOT USE WIRE BRUSHES.**
- Where appropriate - not applicable to textured surfaces - rub down sound areas to produce the necessary **KEY** for good adhesion.
- Dust off surfaces.
- When rubbing down dry and/or dusting off wear a suitable face mask to avoid the inhalation of dust.

### MAKING GOOD.

- Cut out and make good cracks holes and other imperfections with a **compatible / suitable** material.
- Allow to set and dry out thoroughly.
- Where appropriate rub down the surface.
- Dust off surfaces.
- Use only good quality/compatible materials and follow the manufacturers' recommendations for use, even if at variance with this system.
- Prime all sound bare areas and areas exposed by the removal of coatings with **1 COAT OF SMOOTH SOLVENT BASED MASONRY PAINT** of appropriate shade.
- Finish with **2 COATS OF SMOOTH SOLVENT BASED MASONRY PAINT** of selected shade.

**NUMBER OF COATS.**

The contractor shall supply and apply the following number of coats:

- Initial coats: 10% thinned primer: **SMOOTH SOLVENT BASED MASONRY PAINT** flexible, smooth, solvent-based masonry paint for use all-year round on exterior walls. It should give up to 15 years protection and be suitable for use in difficult climates. It should use NAD technology allowing quick drying and recoat times, even in cold conditions and be able to withstand rainfall within 15 minutes of application.  
number of coats: **1.**
- Finishing coats: **SMOOTH SOLVENT BASED MASONRY PAINT** flexible, smooth, solvent-based masonry paint for use all-year round on exterior walls. It should give up to 15 years protection and be suitable for use in difficult climates. It should use NAD technology allowing quick drying and recoat times, even in cold conditions and be able to withstand rainfall within 15 minutes of application.  
number of coats: **2.**

## SPECIFICATION NO.EXT 2.

### PREVIOUSLY PAINTED EXTERNAL MASONRY WALLS. (WATER BASED OPTION)

The contractor shall wash; clean; prepare prime and paint all previously painted external masonry walls identified within each schedule of works to be cleaned primed and painted with a Smooth Masonry Paint with exterior durability and protection even in harsh and demanding environments, containing an added fungicide to inhibit mould growth on the paint film. The unique properties provide a tough and flexible paint film that is up to 5 times more flexible than conventional masonry paints, covering hairline cracks and preventing subsequent cracking or flaking. Suitable for application to bare and previously painted surfaces, including solvent-based finishes. Shower resistant within 15 minutes of application.

Use the number of coats specified in strict accordance with this specification and the manufacturer's instructions.

### PRODUCT PERFORMANCE.

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### PRODUCT REFERENCE.

The contractor shall supply and apply **SMOOTH WATER BASED MASONRY PAINT** to all previously painted masonry walls etc. which are identified within each schedule of works to be cleaned primed and painted **COLOURS:** to be confirmed **by client**

### PREPARATION.

- Algae moss lichen and mould growths must be removed as far as is practicable by thorough scraping followed by brushing with stiff fibre brushes.
- **DO NOT USE WIRE BRUSHES** as strands can detach and could appear after re-painting as rust stains.
- To kill any residual growth the affected surface should then be treated with **MULTI-SURFACE FUNGICIDAL WASH.**
- After 24 hours rinse off and allow to dry.
- A second treatment is sometimes required.
- Ensure all surfaces are fully dry before proceeding.
- Do not apply in wet weather.
- Thoroughly clean down the surfaces to remove all dirt grease and surface contaminants.
- Allow to dry.
- Remove all blistered, poorly adhering or otherwise defective coatings.
- Remove all loose or powdery material by vigorously brushing down with suitable stiff brushes and dust off. **DO NOT USE WIRE BRUSHES.**
- Where appropriate - not applicable to textured surfaces - rub down sound areas to produce the necessary **KEY** for good adhesion.
- Dust off surfaces.
- When rubbing down dry and/or dusting off wear a suitable face mask to avoid the inhalation of dust.

### MAKING GOOD.

- Cut out and make good cracks holes and other imperfections with a **compatible / suitable** material.
- Allow to set and dry out thoroughly.
- Where appropriate, rub down the surface.
- Dust off surfaces.
- Use only good quality/compatible materials and follow the manufacturers' recommendations for use, even if at variance with this system.
- Prime all sound bare areas and areas exposed by the removal of coatings with **1 COAT OF SMOOTH WATER BASED MASONRY PAINT.**
- Finish with **2 COATS OF SMOOTH WATER BASED MASONRY PAINT** of selected shade.

### **NUMBER OF COATS.**

The contractor shall supply and apply the following number of coats:

- Initial coats: 10% thinned **SMOOTH WATER BASED MASONRY PAINT** exterior quality emulsion paint based on all acrylic resin. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer. It should be suitable for use in changeable weather and be shower resistant within 30 minutes after application, and carry a 15 year BBA Certification.
- - on bare masonry: number of coats: **1.**
- Finishing coats: **SMOOTH WATER BASED MASONRY PAINT** exterior quality emulsion paint based on all acrylic resin. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer. It should be suitable for use in changeable weather and be shower resistant within 30 minutes after application, and carry a 15 year BBA Certification.
- number of coats: **2.**

### **SPECIFICATION NO.EXT 3.**

#### **PREVIOUSLY PAINTED EXTERNAL TIMBERWORK.**

The contractor shall wash; clean; prepare prime and paint all previously painted external timber; timber doors; timber door frames; timber soffits; timber fascia boards; timber barge boards and miscellaneous timberwork identified within each schedule of works to be cleaned primed and painted with an **Exterior High Gloss which is Part 3, of a 3 part weather resistant and flexible paint system, specifically developed to give long-lasting, high gloss protection for exterior woodwork. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer, and provide up to 8 year protection and carrying an 8 year BBA certification. The 8 year protection must not include an interim maintenance coat**

Use the number of coats specified in strict accordance with this specification and the manufacturer's instructions.

#### **PRODUCT PERFORMANCE.**

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#### **PRODUCT REFERENCE.**

The contractor shall supply and apply **EXTERIOR HIGH GLOSS** to all previously painted timber which is identified within each schedule of works to be cleaned primed and painted.

**COLOURS:** to be confirmed **by client**

#### **PREPARATION.**

- Where existing coatings are not sufficiently stable to provide a good basis for further decoration they should be completely removed and the surface treated as new or uncoated.
- Thoroughly clean down the surfaces with soap and water detergent solution or suitable solvent to remove all dirt grease and surface contaminants.
- Remove all blistered poorly adhering or otherwise defective coatings. Where flaking has occurred or coatings are defective the entire member or section must be stripped back to the nearest joint.
- Open-up all joints which are not tight fitting and rake out thoroughly.
- Rub down to **FEATHER** broken edges and dust off surfaces.
- Abrade overall in the direction of the grain to remove any grey denatured timber raised grain and round all sharp edges - a radius of 1 mm to 2 mm for timber other than sills and thresholds; 3mm for sills and thresholds - and dust off.
- When rubbing down dry and/or dusting off wear a suitable face mask to avoid the inhalation of dust. Apply 2 thin coats of an appropriate knotting solution to all knots and resinous areas and allow to harden.
- Ensure all surfaces are fully dry before proceeding.
- All glazing compounds and glazing repairs must comply with BS 8000: Part 7: 1990 Code of practice for glazing.
- Hack out all cracked or defective glazing putties.
- Remove all defective or loose beading.
- Clean the rebates and apply to all bare areas. **2 COATS OF PRESERVATIVE PRIMER + BP which is part 1 of a 3 part system which will penetrate into wood to seal and preserve against water damage, decay and blue stain fungi. It should provide 8 year weathering durability, when used as part of a full 3 part exterior paint system.**
- Similarly treat beading and any new wood which is to be spliced-in on all faces and edges rub down and prime.
- Replacement of glazing compounds where necessary.
- When dry re-glaze with appropriate glazing compound and allow to harden before further treatment. The compound manufacturer's recommendations must be adhered to even if at variance with this system.
- Replacement of beading where necessary: bed in a suitable external quality mastic in accordance with the manufacturer's instructions and screw down tightly using non-ferrous fixings.
- Spot prime any bare metal fixings nail heads with **1 COAT OF METAL PRIMER.**
- Prime all sound bare areas and areas exposed by the removal of coatings with **2 COATS OF PRESERVATIVE PRIMER + BP**



### MAKING GOOD.

- Make good all cracks nail-holes open joints and other imperfections with **a compatible Resin-based EXTERIOR FLEXIBLE FILLER.**
- When set carefully rub down and dust off.
- Bring forward all primed and/or filled areas to match existing system build with **1 COAT OF EXTERIOR FLEXIBLE UNDERCOAT Part 2 of a 3 part weather-resistant and flexible paint system specifically developed to give longer lasting protection for exterior woodwork.**
- Finish with **1 COAT OF EXTERIOR FLEXIBLE UNDERCOAT Part 2 of a 3 part weather-resistant and flexible paint system specifically developed to give up to 8 years protection for exterior woodwork. and 1 COAT OF AN EXTERIOR HIGH GLOSS which is Part 3, of a 3 part weather resistant and flexible paint system, specifically developed to give long-lasting, high gloss protection for exterior woodwork. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer, and provide up to 8 years protection.**

### NUMBER OF COATS.

The contractor shall supply and apply the following number of coats:

- Initial coats: **PRESERVATIVE PRIMER + BP** which is part 1 of a 3 part system which will penetrate into **timber** to seal and preserve against water damage, decay and blue stain fungi. It should provide 8 year weathering durability, when used as part of a full 3 part exterior paint system.  
Number of coats: **2**
- Undercoats: **EXTERIOR FLEXIBLE UNDERCOAT Part 2 of a 3 part weather-resistant and flexible paint system specifically developed to give up to 8 years protection for exterior woodwork.:**  
number of coats: **1.**
- Finishing coats: **EXTERIOR HIGH GLOSS which is Part 3, of a 3 part weather resistant and flexible paint system, specifically developed to give long-lasting, high gloss protection for exterior woodwork. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer, and provide up to 8 years protection:** number of coats: **1.**

## **SPECIFICATION NO.EXT 4.**

### **PREVIOUSLY STAINED EXTERNAL TIMBERWORK.**

The contractor shall wash; clean; prepare prime and stain all previously stained external timber walls; timber doors; timber door frames; timber soffits; timber fascia boards; timber barge boards and miscellaneous timberwork to all areas except adjacent to fresh water recreational facilities identified within each schedule of works to be cleaned primed and stained with a **high-performance solvent-based exterior woodstain (Opaque or Translucent finish) which produces a water-repellent satin finish. It should provide wood protection technology meaning exterior joinery is protected from weather for up to 10 years and not include an interim maintenance coat. Suitable for hardwoods and softwoods.** Use the number of coats specified in strict accordance with this specification and the manufacturer's instructions.

### **PRODUCT PERFORMANCE.**

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### **PRODUCT REFERENCE.**

The contractor shall supply and apply **EXTERIOR WOODSTAIN** to all previously stained external timbers which are identified within each schedule of works to be cleaned primed and stained.

**COLOURS:** to be confirmed **by client**

### **PREPARATION.**

- Surfaces must be sound, clean and dry before treating.
- Remove all loose and defective coatings, if necessary stripping back to bare wood.
- Where the surface has been previously painted, it may be necessary to strip back to bare wood if the coating is in poor condition.
- Remove and treat any mould, algae, lichen or moss with **MULTI-SURFACE FUNGICIDAL** Wash. Remove defective glazing material, clean the rebates and any loose or open joints.
- Replace any rotten wood and troublesome knots with new preservative treated timber.
- Thoroughly rub down all surfaces in the direction of the grain to remove any grey, weathered wood and surface sheen from remaining coatings, and then dust off (refer to your COSHH Assessment).
- Prime all bare wood with 2 coats of **PRESERVATIVE BASECOAT+ (BP)** including any new or bare replacement beading. Excess basecoat should be wiped off surrounding paintwork.
- Fill any surface defects, open joints etc. and replace any missing glazing material.
- Do not use linseed oil putty for glazing (or making good) with natural wood finishes, use external beads set in an appropriate non-setting mastic or a special glazing compound.
- New joinery is often factory primed using a stain basecoat (also called a dual-purpose transit primer). These materials quickly erode when left exposed and may need to be re-primed.
- Apply 2 coats of **PRESERVATIVE BASECOAT+ (BP)** to all bare wood.
- Finish with **2 COATS OF EXTERIOR WOODSTAIN**
- When using **EXTERIOR WOODSTAIN**, treat any knots and resinous areas by removing resin and applying a thin coat of an appropriate knotting solution, in order to help prevent
- discolouration.
- Do not use on resinous wood or woodwork with a history of blistering.
- The maximum benefits of this system will only be realised when used as directed above on good quality timber that conforms to BS EN 942: 2007, in conjunction with good component design. This system is not suitable for use on exterior timber where there is severe cracking and splitting of the wood caused by long term exposure.

### **MAKING GOOD.**

- Make good all cracks nail holes open joints and other imperfections with a compatible resin-based stopper/filler designed for use with a woodstain system.
- Allow the material to set before rubbing down and dusting off.
- Fillers and Stoppers. Use only good quality/compatible materials and follow the manufacturers' recommendations for use even if at variance with this system.
- When rubbing down dry and/or dusting off wear a suitable face mask to avoid the inhalation of dust. Finish with **2 COATS OF EXTERIOR WOODSTAIN** of selected shade.

### **NUMBER OF COATS.**

The contractor shall supply and apply the following number of coats:

- Initial coats: **PRESERVATIVE BASECOAT** a water-based timber preservative for use on new and bare wood, providing protection against blue stain, decay fungi and UV rays. It should produce a sound base for Translucent and Opaque Woodstain:  
number of coats: **2**.
- Undercoats: not required: number of coats: **n/a**.
- Finishing coats: **EXTERIOR WOODSTAIN** a high performance solvent-based exterior woodstain which produces a water-repellent satin finish. It should provide wood protection technology giving exterior joinery is protection from extreme weather for up to 10 years if used in accordance with instructions. Suitable for hardwoods and softwoods.  
number of coats: **2**.

## SPECIFICATION NO. EXT.5.

### PREVIOUSLY PAINTED EXTERNAL FERROUS METALWORK.

The contractor shall wash; clean; prepare prime and paint all previously painted external metalwork to all areas identified within each schedule of works to be cleaned primed and painted with **A GLOSS FINISH SPECIFIC TO METAL SURFACES**, specially formulated for metal with a quick drying formulation that can be over coated within 4-6 hours. It should provide lasting protection against corrosion on metal substrates. Application should be a single-pack system used in conjunction with an appropriate primer + 2 coats of Gloss and will deliver up to 8 years metal protection.

Use the number of coats specified in strict accordance with this specification and the manufacturer's instructions.

### PRODUCT PERFORMANCE.

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### PRODUCT REFERENCE.

The contractor shall supply and apply **A GLOSS FINISH SPECIFIC TO METAL SURFACES** to all previously painted external ferrous metal which is identified within each schedule of works to be cleaned primed and painted **COLOURS:** to be confirmed **by client**

### PREPARATION.

- Where existing coatings are not sufficiently stable to provide a good basis for further decoration they should be completely removed and the surface treated as new or uncoated.
- Thoroughly clean down to remove all surface contamination. All Manually prepared surfaces should be prepared to a minimum standard of St3.BS EN ISO 8501-1:2007
- Carefully scrape back to a firm edge all areas of defective paint coatings and rub down to **FEATHER** the broken edges.
- Scrape and wire brush corroded steel to produce a clean metal surface.
- Rub down with a suitable abrasive and dust off.
- When rubbing down or dusting off wear a suitable face mask to avoid the inhalation of dust.
- Prime all bare metal with **1 COAT OF ZINC PHOSPHATE PRIMER** applied to give a minimum wet film thickness of 150 microns giving a minimum dry film thickness of 65 microns.
- Bring forward all primed areas with **1 COAT OF A GLOSS FINISH SPECIFIC TO METAL SURFACES** applied to give a minimum wet film thickness of 80 microns giving a minimum dry film thickness of 40 microns.
- Finish with **2 COATS OF A GLOSS FINISH SPECIFIC TO METAL SURFACES** of selected shade each applied to give a minimum wet film thickness of 80 microns per coat giving a minimum dry film thickness of 40 microns per coat.

### NUMBER OF COATS.

The contractor shall supply and apply the following number of coats:

- Initial coats: **ZINC PHOSPHATE PRIMER** a high performance, high build primer with rust inhibiting performance, suitable for use over hand-cleaned iron and steel as well as blast-cleaned surfaces:  
number of coats: **1.** (spot prime bare metal)
- Undercoats: not required: number of coats: **n/a.**
- Finishing coats: **GLOSS FINISH SPECIFIC TO METAL SURFACES** specially formulated for metal with a quick drying formulation that can be over coated within 4-6 hours. It should provide lasting protection against corrosion on metal substrates. Application should be a single-pack system used in conjunction with an appropriate primer + 2 coats of Gloss and will deliver up to 8 years metal protection.  
number of coats: **2.**

## SPECIFICATION NO. EXT.6.

### PREVIOUSLY PAINTED EXTERNAL GALVANISED METALWORK.

The contractor shall wash; clean; prepare prime and paint all previously painted external galvanised metalwork to all areas identified within each schedule of works to be cleaned primed and painted with **A GLOSS FINISH SPECIFIC TO METAL SURFACES**, specially formulated for metal with a quick drying formulation that can be over coated within 4-6 hours. It should provide lasting protection against corrosion on metal substrates. Application should be a single-pack system used in conjunction with an appropriate primer + 2 coats of Gloss and will deliver up to 8 years metal protection.

Use the number of coats specified in strict accordance with this specification and the manufacturer's instructions.

### PRODUCT PERFORMANCE.

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### PRODUCT REFERENCE.

The contractor shall supply and apply **A GLOSS FINISH SPECIFIC TO METAL SURFACES** to all previously painted external galvanised metal which is identified within each schedule of works to be cleaned primed and painted

**COLOURS:** to be confirmed **by client**

### PREPARATION.

- Where existing coatings are not sufficiently stable to provide a good basis for further decoration they should be completely removed and the surface treated as new or uncoated.
- Thoroughly clean down to remove all surface contamination. All Manually prepared surfaces should be prepared to a minimum standard of St3.BS EN ISO 8501-1:2007
- Carefully scrape back to a firm edge all areas of defective paint coatings and rub down to **FEATHER** the broken edges.
- Scrape and wire brush corroded steel to produce a clean metal surface.
- Rub down with a suitable abrasive and dust off.
- When rubbing down or dusting off wear a suitable face mask to avoid the inhalation of dust.
- Prime all bare metal with **1 COAT OF QUICK DRY METAL PRIMER** applied to give a minimum wet film thickness of 66 microns giving a minimum dry film thickness of 25 microns.
- Bring forward all primed areas with **1 COAT OF A GLOSS FINISH SPECIFIC TO METAL SURFACES** applied to give a minimum wet film thickness of 80 microns giving a minimum dry film thickness of 40 microns.
- Finish with **2 COATS OF A GLOSS FINISH SPECIFIC TO METAL SURFACES** of selected shade each applied to give a minimum wet film thickness of 80 microns per coat giving a minimum dry film thickness of 40 microns per coat.

### NUMBER OF COATS.

The contractor shall supply and apply the following number of coats:

- Initial coats: **QUICK DRY METAL PRIMER** a water-based primer that seals and protects the surfaces to provide adhesion to new bright or weathered galvanised metal surfaces and other non-ferrous metal, both inside and out. Will deliver up to 8 years metal protection when used with the relevant finishing coats.  
number of coats: **1.** (prime bare metal)
- Undercoats: not required: number of coats: **n/a.**
- Finishing coats: **GLOSS FINISH SPECIFIC TO METAL SURFACES** specially formulated for metal with a quick drying formulation that can be over coated within 4-6 hours. It should provide lasting protection against corrosion on metal substrates. Application should be a single-pack system used in conjunction with an appropriate primer + 2 coats of Gloss and will deliver up to 8 years metal protection.  
number of coats: **2.**

## **SPECIFICATION NO.EXT 7.**

### **PRE FINISHED EXTERNAL SUBSTRATE (TO BE COATED AS ADVISED BY CLIENT).**

The contractor shall wash; clean; prepare prime and paint all previously painted external timber; timber doors; timber door frames; timber soffits; timber fascia boards; timber barge boards and miscellaneous timberwork identified within each schedule of works to be cleaned primed and painted with an **Exterior High Gloss which is Part 3, of a 3 part weather resistant and flexible paint system, specifically developed to give long-lasting, high gloss protection for exterior woodwork. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer, and provide up to 8 year protection and carrying an 8 year BBA certification. The 8 year protection must not include an interim maintenance coat**

Use the number of coats specified in strict accordance with this specification and the manufacturer's instructions.

### **PRODUCT PERFORMANCE.**

This specification is based on product performance and the products to be proposed by the contractor must be approved in writing by Southampton City Council at Tender Stage, but most certainly prior to the application of any decorative finish. Failure to seek approval at tender stage may result in tender application becoming void. In addition, approved product manufacturers should be willing to provide **added value** services to ensure best value for money for **Southampton City Council**

### **PRODUCT REFERENCE.**

The contractor shall supply and apply **EXTERIOR HIGH GLOSS** to all previously painted timber which is identified within each schedule of works to be cleaned primed and painted.

**COLOURS:** to be confirmed by **client**

### **PREPARATION.**

#### **SUBSTRATE PREPARATION.**

- Where existing coatings are not sufficiently stable to provide a good basis for further decoration they should be completely removed and the surface treated as new or uncoated.
- Completely remove all blistered poorly adhering or otherwise defective coatings.
- Open-up all joints which are not tight fitting and rake out thoroughly.
- Wash down remaining areas in good condition with soap and water detergent solution or suitable solvent to remove all dirt grease and surface contaminants.
- Rinse off and allow to dry.
- Rub down overall to provide a **KEY** and **FEATHER** broken edges of existing coatings.
- Dust off surface.
- When rubbing down dry and/or dusting off wear a suitable face mask to avoid the inhalation of dust.
- Apply two thin coats of a knotting solution appropriate for use under a solvent based undercoat to all knots and resinous areas and allow to harden.
- Ensure all surfaces are fully dry before proceeding.
- Spot prime any bare metal fixings nail heads with **1 COAT OF ZINC PHOSPHATE PRIMER.**
- Prime all areas with **1 COAT OF 2 PART ADHESION PRIMER.**

Finish with **1 COAT OF EXTERIOR UNDERCOAT & 1 COAT of EXTERIOR HIGH GLOSS** paint to all areas

#### **MAKING GOOD.**

- Make good all cracks nail-holes open joints and other imperfections with **a compatible Resin-based EXTERIOR FLEXIBLE FILLER.**
- When set carefully rub down and dust off.
- Bring forward all primed and/or filled areas to match existing system build with **1 COAT OF EXTERIOR FLEXIBLE UNDERCOAT Part 2 of a 3 part weather-resistant and flexible paint system specifically developed to give longer lasting protection for exterior woodwork.**
- Finish with **1 COAT OF EXTERIOR FLEXIBLE UNDERCOAT Part 2 of a 3 part weather-resistant and flexible paint system specifically developed to give up to 8 years protection for exterior woodwork. and 1 COAT OF AN EXTERIOR HIGH GLOSS which is Part 3, of a 3 part weather resistant and flexible paint system, specifically developed to give long-lasting, high gloss protection for exterior woodwork. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer, and provide up to 8 years protection.**

## **NUMBER OF COATS.**

The contractor shall supply and apply the following number of coats:

- Initial coat: water-based two-pack primer, specially formulated to provide excellent adhesion for subsequent coats of paint, when applied to difficult substrates such as glazed ceramic wall tiles, laminates, glass, anodised aluminium, powder-coated steel and stove enamel surfaces. Suitable for interior and exterior use.
- number of coats: **1.**
- Undercoats: **EXTERIOR FLEXIBLE UNDERCOAT Part 2 of a 3 part weather-resistant and flexible paint system specifically developed to give up to 8 years protection for exterior woodwork.:**  
number of coats: **1.**

Finishing coats: **EXTERIOR HIGH GLOSS which is Part 3, of a 3 part weather resistant and flexible paint system, specifically developed to give long-lasting, high gloss protection for exterior woodwork. It should contain a fungicide to inhibit mould growth on the paint film and help it stay cleaner for longer, and provide up to 8 years protection:** number of coats: **1.**