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2	AFC – Changed coating systems to International Paint
1	AFC – Section 2.4 COLOUR SCHEDULE - ZJG Piping colour code and notes 4-6 added, note 1 updated with colour references
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ZHANGJIAGANG STANDARD FOR PAINTING AND PROTECTIVE COATINGS

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(2)

1.0 SCOPE

1.1 Introduction

A. This specification covers the general requirements for the materials and application of paint for buildings, steelwork, equipment, piping and other plant items. This document is to be issued as part of the contract package for painting to be done at site.

B. Painting Contractors should inspect the site to acquaint themselves with the scope of work.

C. Unless stated to the contrary in contract documentation, the Painting Contractor is to furnish all supervision, labour, materials and equipment necessary to complete all surface preparation, prime, intermediate, finish painting, and touch-up painting as specified herein and in the specific project work package.

D. With reference to ISO 12944 Part 2, Table 1; the Zhangjiagang Site general atmospheric corrosivity category is no greater than **C4**.

E. With reference to ISO 12944 Part 1, Section 4.4; Dow Corning Ltd has adopted a requirement that paint specifications shall meet a **revised** *Medium Durability* requirement for life to first maintenance painting of 10-15 years. The paint systems specified shall meet this requirement.

F. All paints in the specification are ▲lead free. Any proposed alternate paints shall be ▲lead free. **(2)**

G. Refer to Section 2.4 for colour codes.

1.2 Materials

A. All paint is to be supplied by ▲International Paint, unless stated to the contrary, or if a waiver has been given by ▲the Owner. All technical, Health & Safety and handling requirements are available from the ▲paint manufacturer. These instructions shall be fully complied with for work on and off site using these materials. **(2)**

B. When ordering ▲International Paint materials and paint supplies, be sure to identify the items as for Dow Corning Ltd use in order to get the Dow Corning Ltd ▲pricing structure and volume purchase credit. **(2)**

C. The painting Contractor shall thoroughly familiarise himself with the quality, properties and proper application of all materials concerned. The Contractor will contact the paint manufacturer to obtain such information where this is not given in this specification.

D. The ▲Painting Contractor is to complete daily quality control sheets unless an existing Quality Management System is in place that has the required daily checks and records. This will meet the Owner's minimum requirements. A copy of the blank sheet is attached as Appendix A. **(2)**

1.3 General

A. Surface preparation and paint application shall be in accordance with ISO 12944.

B. Care must be taken to ensure that paint is not applied to moving parts of machinery, spindles and threads.

C. Where item numbers or signs will be obliterated by painting, these are to be replaced with new sign writing, etc.

1.4 Standards

A. All work is to conform to the latest editions of the following Standards:

Painting of Buildings	BS 6150
Protection of Iron and Steel Structures from Corrosion	ISO 12944
Sprayed Metal Coatings	ISO 2063

(2)

B. All work must also conform to Dow Corning Ltd Standards:

1. General Conditions of Contract

2. General Safety Standards
3. Rules for Contractor Personnel (when working on Site)

1.5 Inspections

A. The Contractor shall submit an inspection and test plan (ITP) identifying all inspections and will liaise with the Owner's nominated Paint Inspector for all inspections. (2)

B. Work may be subject to periodic examination by the paint manufacturer who will report directly to Dow Corning Ltd.

1.6 Definition of Terms

(2)

A. Owner: Refers to the owner of the manufacturing facility; Dow Corning Zhangjiagang (2)

B. Painting Contractor: Refers to the painting applicator directly contracted by the Owner or sub-contracted by a General Contractor. (2)

C. Paint Manufacturer: Refers to the actual manufacturer of the painting materials. International Paint is the Paint Manufacturer in this specification. (2)

2.0 DISCUSSION

2.1 PREPARATION OF SURFACES

A. Steelwork

1. All steel to be blast-cleaned to SA 2.5 to ISO 8501-1, maximum surface profile: 100microns unless otherwise noted.
2. After completion of blasting, all residual dust, etc., should be removed by air blowing, vacuum cleaning or brushing prior to the application of the first coat.
3. The first coat of paint shall be applied as soon as possible after blasting and before visible deterioration has occurred. A period of 4 hours should be regarded as a maximum prior to painting.
4. All areas where blasting is taking place shall be isolated by forming appropriate fire retardant screens. Signs shall be provided indicating that blasting is in progress.
5. All surfaces such as glassware, dials, rotating and reciprocating gear motors, etc. or any such item pointed out by the Inspector, which may be damaged by grit, sand or water, paint, shall be adequately protected by masking or other means (**especially sprinkler heads**). This protection must be removed at the completion of the work day and replaced before the next day's work (or as agreed with Dow Corning Ltd).
6. Areas covered by electric or instrument cables shall not be subject to blast cleaning, but an allowance for hand cleaning should be included.
7. Existing Metal Surfaces - If blast clean work is not specified because the existing coating is in sound condition, the following shall apply:
   a. Remove dirt, grease or other foreign matter, by emulsion.
   b. Clean the surface of all steelwork by high pressure water flash blast without removing the existing good coating. These areas will be agreed and documented during the contract. Otherwise, full preparation is required.
   c. Where **FULL PREPARATION**, is specified, the following will apply:

      When work is carried out in situ on the plant, the Contractor shall fresh water blast to an agreed cleanliness standard. It is important that with the above, the preparation is safeguarded against early rusting, either by the use of rust inhibitors introduced into the water or by the use of moisture cured primers **OR BOTH**. This will be confirmed by the nominated paint manufacturers and their specification must apply.
8. Steelwork (under insulation)
   a. The surfaces is to be prepared as for "steelwork being blasted off site" in all cases. However, if work done in situ, it shall be done in phases using hand held equipment may be permitted.
   b. No area shall be left uncoated for more than 4 hours.
9. Fieldwelds on Piping: Any paint system to be stopped 150 mm from the joint. Each coat is to be 50 mm short from the previous. It is strongly preferred that the welded area be mechanically blasted by portable equipment (to Sa 2.5 for all new projects); however, (2)

as an absolute minimum for maintenance the steel is to be ▲power tool cleaned to bare metal per standard SSPC SP-11.

10. Pumps, motors and other ancillary equipment shall be prepared for painting in accordance with the requirements of the manufacturer, bearing in mind the parent metal, location and duty.
11. Pipe Work, Handrails, etc: Galvanised steel shall not be shot blasted. Tops of staircases and cat ladders shall be painted as shown in Appendix C.

B. Woodwork

1. All woodwork is to be rubbed down, freed from dust and a thin coat of knotting applied over knots or sappy, resinous parts. Any large or loose knots are to be cut out and properly plugged and filled with appropriate wood filler. Patch prime where necessary and apply one (1) undercoat and one (1) gloss finish.

C. Brickwork and Concrete Surfaces (Internal and External)

1. Remove all oil, grease, dirt and any foreign matter, mortar fins ▲any laitance (fine particles from surface) or protrusions ▲and blast clean to sound surface. Fill in any crevices or holes with approved filler. **(2)**

D. Plaster (Internal only)

1. Remove all oil or grease and all other foreign matter, fill cracks if necessary with an approved filler material. Surfaces should be sound, clean and thoroughly dry prior to painting and between coats.

E. Cleanliness and Housekeeping

1. All waste blast materials must be cleared as work progresses.
2. All plants and buildings to be left in clean and tidy condition, at end of working day and at completion of contract. Any over painting shall be removed.
3. All waste must be cleared from the work area and placed in skips, which will be supplied by the Contractor. Drainage channels must be kept free of grit etc. at all times.

2.2 EXTENT OF WORK

A. Plant and Equipment

1. All vessels, columns, and heat exchanges shall be coated per the painting system called out in the specific equipment specification or data sheet.
2. Flanges - All external surfaces, including bolt holes and flange annulus, are to be prepared and painted as specified. **The machined joint face or CLA is not to be prepared or painted.**
3. Lettering - The plant item number will be stencilled per the Dow Corning Ltd Standard.
4. Insulated pipe work, vessels and tanks shall be coated per Dow Corning Ltd painting system. Every flange and/or weld shall be stripe coated to provide extra protection.

▲5. Pumps, compressors, motors and other machinery are normally supplied with manufacturer supplied coatings and colours. **(2)**

B. Piping (carbon steel, galvanised carbon steel)

1. Uninsulated piping, flanges, valves and fittings shall be given primer, undercoats and finishing coats per the Dow Corning Ltd painting system.
2. Flanges: All external surfaces, including bolt holes and flange annulus, are to be prepared and painted as specified. **The machined joint face or CLA is not to be prepared or painted.**
3. Valves, fittings, etc., (except where stainless steel), shall be painted as for the parent line. Valve spindles shall not be painted.
4. Insulated surfaces shall be painted to appropriate specification unless otherwise specified.
5. Pipe supports shall be painted as for steelwork.
6. Stainless steel shall not be painted, except to identify fluid being carried.

C. Instruments (external surfaces)

1. Steel instrument supports, junction boxes and supports shall be painted as for steelwork.
2. Carbon steel control and relief valves outside shall be painted as for piping.
3. Control and relief valves and instruments mounted outside shall be painted, but particular attention must be made to moveable parts. Clearance by the Owner or Owner's Representative must be obtained before carrying out any instrument painting.

D. Electrical

1. Electrical motors, starter and switchgear will have received a protective paint coating by the manufacturer, suitable for location and duty. For colour see Section 2.4.

   ▲**Note:** Electric motors are supplied with the manufacturer's standard paints and colour. **(2)**

2. Electrical conduits, push button stations, welding and other electrical outlets, junction boxes, etc., shall be painted as previous clause.
3. Steel supports for outdoor lighting fittings, sub-panels and the like shall be painted as for steelwork.

E. Fire Protection Equipment

1. All exposed lines to be painted: galvanised lines not to be grit blasted. See mechanical standard for underground piping.

F. Lagged Pipes

1. Maintenance touch up painting for vinyl finished metal lagging to be per Dow Corning Ltd painting system DC212.

G. Unlagged Hot Pipes shall be painted as follows:

1. DC201A - Operating temperature between -50°C to +120°C.
2. DC203 - Operating temperature between +120°C and +155°C.
3. DC204 - Operating temperature above +155°C.

H. Removable Beams

1. Ends of removable beams shall be clearly painted with colour 10 E 53, either on the end plates or within 300 m of the end beam.

I. Strengthened Floor Panels

1. Areas designed for heavy loading shall be painted as clause 2.3.1

J. Lagged Site Piping Distribution Systems – Constant Temperature above 190°C **(2)**

1. Site piping distribution systems that operate at a constant temperature above 190°C are to be coated with DC204A. This is a specialty application that shall be reviewed with operations and maintenance before using.
   a. The purpose of the coating is to provide corrosion protection during and after installation.
   b. No coating is required if the system will be placed in operation less than one (1) month after installation.
   c. The piping must operate above 190°C, typically at constant temperature.
   d. The distribution system is shut down no more than one (1) scheduled week per year. Unscheduled outages do not apply.
2. Typical piping distribution systems DC204A applies to:
   a. The main steam piping distribution system from the boiler house to and through the main site pipe racks. The boundary is typically at the battery limits.
   b. The hot oil distribution system from the hot oil furnace through the main site pipe racks. The boundary is typically at the battery limits.
   c. Other highline piping that operates continuously above 190°C.

2.3 STORAGE AND PROTECTION

A. Deliver all coating materials to the job site in original unopened containers with labels attached. A space will be designated for storage of materials and equipment.

B. Containers in storage must be covered at all times.

C. Remove oily and paint filled rags, wastes, etc. from the job site every night. Take adequate precautions to prevent fire. Keep all painting equipment such as brushes, spraying devices, thinners, pails, and coatings in an orderly fashion with all materials properly covered when not in use.

2.4 COLOUR SCHEDULE (Note 7)

A. Recommended Colours

DESCRIPTION	GB No.	RAL No	B.S. No.	
Tanks or Vessels located externally (*see for internally located applications)		1001	06-C-33	
Structural Steel, Miscellaneous Steel, Stairways, Conduit, Pipe Supports, Platform, etc. (*see for internally located items)			14-C-39	
Process Piping (unless otherwise specified) – Medium Grey	B02			
Sulphuric Acid – Pipe Purple (note 5)	P02			
Water – (All types) - Bright Green	G03			
▲Waste water – (Contaminated water) - Black				(2)
Steam - Silver				
Plant/Instrument Air – Light Blue	PB09			
Nitrogen (All types) –Pale Yellow	Y06			
Fire Fighting (Sprinkler pipe work, Fire Hydrants, etc) – Bright Red	R03			
Natural Gas – Brown	YR05			
Syltherm - Silver				
Pumps, compressors, motors, etc. ▲(only in special cases where specifying a colour is required)		7005	18-B-25	(2)
Ladders, safety cages, handrails, guards, toe boards (See note below regarding tops of cat ladders and stairways)		1023	10-E-53	
Safety showers, eye wash – Bright Orange				
*** Internally located pipes, vessels (apart from air nitrogen and galvanised lines, see above), structural steel, ancillary item & walls**		9010	White	
Structural members which are designed to be removable for access and maintenance shall have end plates marked in 'Canary Yellow'		1023	10-E-53	
Strengthened floor panels in process areas shall be sprayed "Jade" prior to installation		5021	16.E.53	

Notes:

1. Staircase tops & cat ladders shall have red (RAL 2002) and white (RAL 9010) bands painted per Appendix C.
2. ▲~~Deleted~~ (2)
3. **Galvanised surfaces need only be painted for safety and/or corporate reasons.
4. The GB colours referenced as per GB/T3181 Standard for Paint Film Colour
5. The colour of 'Pipe Purple' is as per GB/T7231 Basic Identifying Colour and Symbol on Industry Pipe.
6. The GB codes used for pipeline colour identification are SH2043-2003 and GB7231-2003.
7. The colours above are the desired colours when a colour choice exists. It does not apply to cases where a specific paint is available in one colour only.

B. Building Colours - Internal & External

1. EXTERNAL

LOCATION	RAL	BS 4800
PRODUCTION; CONTROL ROOM & WAREHOUSE BUILDINGS		
Painted Exterior Roof (Cladding) Walls (rendered)		08-C-39 08B15
Window frames & sashes, door frames and fascias		08-C-39
Doors		08-C-35

2. INTERNAL

LOCATION	COLOUR	RAL	BS 4800
PRODUCTION & WAREHOUSE BUILDINGS	White		
MESS ROOMS & WORKSHOPS	White		
OFFICES & LABORATORIES etc.			
All corridors & lobby walls to be hard wearing gloss (Epoxy) capable of being washed down	Off White		
Office walls (WASHABLE)	Off White		

All window, door and ceiling trims	Semi Gloss White
All ceilings	Matt Eggshell White
Door jambs, stops, skirtings, etc.	Black Gloss
Interior doors of offices	Same as accent colour used in office decoration
Outside door of offices	To match remainder of doors of corridor which will be one of the accent colours previously described

3.0 REFERENCES

A. EMTN 15.191.001 - Pipe line identification

APPENDIX A - DOW CORNING LTD Quality Control Sheets

Vendor _____	Paint System DC _____	Project/Code _____	
	Surface Area _____	Supplier _____	
Contact _____	Paint System DC _____	DC Order No	Supplier Order No
Tel No.:	Surface Area _____	Buildings	Location(s)
		PTN(s)	Item(s)

Date:	**METHOD OF BLASTING AND MATERIALS USED**	Cleanliness SA 2.5	Gauged profile	**Vendor Inspect.**	**Cust. Inspect**

Date applie	Coat No	Mfgrs Ref N	Batch No(s	Date Mfgrd	Amount Us	Shop Humidity	Shop Temp	Metal Temp	Gauged wft Min	Gauged wft Max	Gauged dft Min	Gauged dft Max		
	1													
	2													
	3													
	1													
	2													
	3													

Inspector's Comments and Job Progress

APPENDIX B - Dow Corning Ltd Paint Systems DC201A to DC212

All coatings shall be supplied by ▲International Paint, unless stated to the contrary, or if a waiver has been given by the Owner. All technical, Health & Safety and handling requirements are available from the manufacturer. These instructions shall be fully complied with for work on and off site using these materials. (2)

DC201A	Shop preparation and painting of new or totally refurbished steelwork Painting steelwork, equipment, pipe work, vessels etc. (Operating temperature range -50°C to +120°C).
DC201B	On site maintenance work. Painting steelwork, equipment, pipe work, vessels etc. (operating temperature range -50°C to +120°C).
▲DC202A	Galvanised surfaces when abrasive paper cannot be used - Only required to be painted for safety and/or corporate reasons. See spec sheet and clause in 2.4 for details. (2)
▲DC202B	Galvanised surface when abrasive paper can be used - Only required to be painted for safety and/or corporate reasons. See spec sheet and clause in 2.4 for details. (2)
DC203	For piping, vessels and equipment under insulation. (Operating temperature range -30°C to +155°C) Note: If left uninsulated this system will discolour and chalk, however this is purely aesthetic and will not affect coating performance.
DC204	For piping, vessels and equipment under insulation. (Operating temperature range +155°C to +400°C).
DC204A	Special selection for site distribution piping under insulation that will operate at a constant temperature above 190°C. Refer to 2.2-J. (2)
DC205	Steelwork under fire proofing material. ▲Includes primer and top coat. (Operating temperature range not relevant). (2)
DC206	Treatment of external rendering
DC207	Buried pipes, buried tanks and the bottom 1m of structural stanchions. (Operating temperature range -30°C to +30°C).
DC208	Treatment of stainless steel (Operating temperature range -30°C to +120°C) Note: Stainless steel shall only be coated for safety and corporate reasons, or if protection from stress corrosion cracking is required.
DC209	On site safety showers
DC210	Hot Surface coatings (for furnaces and chimneys)
DC211	Top coating for intumescent passive fire protection ▲(Unitherm 38091 or Chartek 1709) (2)
DC212	Treatment of vinyl finished metal lagging.

DOW CORNING PAINT SYSTEM NUMBER DC201A (SHOP)

For work prepared and coated in paint shops.

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Interzinc 22	75	60 - 75
▲International Paint	2nd	Intergard 475 HS	125	100 - 150
▲International Paint	3rd	Interthane 990	60	50 - 70

(2)
(2)
(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information.

(2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain the specified DFT.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5	Steelwork, unlagged equipment, pipe work and vessels. (-50°C to +120°C)

DOW CORNING PAINT SYSTEM NUMBER DC201B (SITE)

For work prepared and coated on site or touch-up of DC201A.

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Interseal 670 HS	125	100 - 150
▲International Paint	2nd	Interseal 670 HS	125	100 - 150
▲International Paint	3rd	Interthane 990	60	50 - 70

(2)
(2)
(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information.

(2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5 or mechanically cleaned to St3.	Steelwork, unlagged equipment, pipe work and vessels. (-50°C to +120°C)

DOW CORNING PAINT SYSTEM NUMBER DC202A

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Interprime 539	15	10 - 25
▲International Paint	2nd	Intergard 269	40	30 - 50
▲International Paint	3rd	Interthane 990	60	50 - 70

(2)
(2)
(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information. (2)

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash.	Galvanised steel surfaces including piping, handrails, airlines, sprinklers.

DOW CORNING PAINT SYSTEM NUMBER DC202B (2)

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Intergard 269	40	30 - 50
▲International Paint	2nd	Interthane 990	60	50 - 70

See International Paint's latest data sheets for all technical, COSHH and other information.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrade to a uniform & rough surface.	Galvanised steel surfaces including piping, handrails, airlines, sprinklers.

DOW CORNING PAINT SYSTEM NUMBER DC203

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Intertherm 228	100	90 - 120
▲International Paint	2nd	Intertherm 228	100	90 - 120

(2)
(2)

N.B. All welds, flanges and/or flats to be stripe coated with an extra finish coat prior to fixing of insulation.

See ▲International Paint's latest data sheets for all technical, COSHH and other information. (2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5	Under insulation on pipes, vessels and chimneys, (-30°C to +155°C)

If this system is left uninsulated it may discolour and chalk. This is cosmetic only and does not impair performance.

DOW CORNING PAINT SYSTEM NUMBER DC204

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Intertherm 751 CSA	100	90 - 120
▲International Paint	2nd	Intertherm 751 CSA	100	90 - 120

(2)
(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information. (2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

N.B. This system is recommended for under lagging applications when it is operating for longer periods at elevated temperature or the operating temperature is between 155°C to 400°C.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5	Treatment of steel surfaces under lagging operating at 155°C to 400°C

DOW CORNING PAINT SYSTEM NUMBER DC204A

(2)

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Intertherm 50	25	20 - 30
▲International Paint	2nd	Intertherm 50	25	20 - 30

See International Paint's latest data sheets for all technical, COSHH and other information.

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

N.B. This system is recommended for under lagging applications where corrosion protection is required during installation, but not after operation begins.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5	Treatment of steel surfaces under lagging operating continuously above 190°C

DOW CORNING PAINT SYSTEM NUMBER DC205

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Interzinc 22	60	50 - 60
▲International Paint	2nd	Intergard 269	40	35 - 45

(2)
(2)
(2)

See ▲International Paint's data sheets for all technical, COSHH and other information.
The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

(2)

Compatibility with intumescent fireproofing to be checked by Fireproofing manufacturer.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5	Treatment of steelwork under epoxy based fireproofing

Notes:
1. The "Final" coat (DC211) is applied on the surface of the final coat of fireproofing material.
2. DC205 is suitable for Chartek 1709 and Unitherm 38091 fireproofing materials.

(2)
(2)

DOW CORNING PAINT SYSTEM NUMBER DC206

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Intergard 740	50	45 - 60
▲International Paint	2nd	Interthane 990	60	50 - 70

(2)
(2)
(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information.

(2)

SURFACE PREPARATION	LOCATION/ DUTY
Low pressure fresh water wash to remove salts, flaking paint etc.	External render and block work.

DOW CORNING PAINT SYSTEM NUMBER DC207

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Intergard 269	40	35 - 45
▲International Paint	2nd	Interzone 505	450	400 - 475

(2)
(2)
(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information. (2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5	Buried steel pipes and tanks temperature range -30°C to +30°C Bottom 1 metre of stanchion bases.

DOW CORNING PAINT SYSTEM NUMBER DC208

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Intergard 269	40	35 - 45
▲International Paint	2nd	Interthane 990	60	50 - 70

(2)
(2)
(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information. (2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash If practical, abrasive sweep blast (non-metallic and metal free abrasive only) to a uniform flat finish with dense surface profile	Stainless steel (-30°C to +120°C)

Stainless steel only to be painted for Safety or Corporate reasons.

DOW CORNING PAINT SYSTEM NUMBER DC209

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE	COLOUR
▲International Paint	1ST	Intergard 251	75	65 - 80	White
▲International Paint	2nd	Interthane 990	60	50 - 70	Orange

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(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information. (2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash Key any PVC tubing with abrasive paper.	Safety showers and eye washes

DOW CORNING PAINT SYSTEM NUMBER DC210

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1ST	Interseal 670 HS	125	100 - 150
▲International Paint	2nd	Interseal 670 HS	125	100 - 150

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(2)

See ▲International Paint's latest data sheets for all technical, COSHH and other information. (2)

The dry film thickness quoted is based on spray application. If brush or roller application are to be used it may be necessary to apply more than one coat to obtain an equivalent DFT.

SURFACE PREPARATION	LOCATION/ DUTY
Emulsion clean to remove oil & grease. High pressure fresh water wash. Abrasive blast to Sa 2.5 or mechanically cleaned to St3	Hot furnace surface Production units

DC210 is only to be applied on surfaces with a maximum temperature of 65°C, only. It is recommended that the paint be thinned at this temperature in order to prevent pin holing. Some colour change can be expected in areas of elevated temperatures

DOW CORNING PAINT SYSTEM NUMBER DC211

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	Top	Interthane 990	60	50 - 70

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See ▲International Paint's latest datasheets for all technical, COSHH and other information

SURFACE PREPARATION	LOCATION/ DUTY
Clean to remove salts and other contamination (Method to be agreed with PFP manufacturer)	Top coat over thick film epoxy intumescent passive fire proofing

DOW CORNING PAINT SYSTEM NUMBER DC212

MANUFACTURER	COAT	IDENTIFICATION	NOMINAL DFT	DFT RANGE
▲International Paint	1st	Interthane 990	60	50 - 70

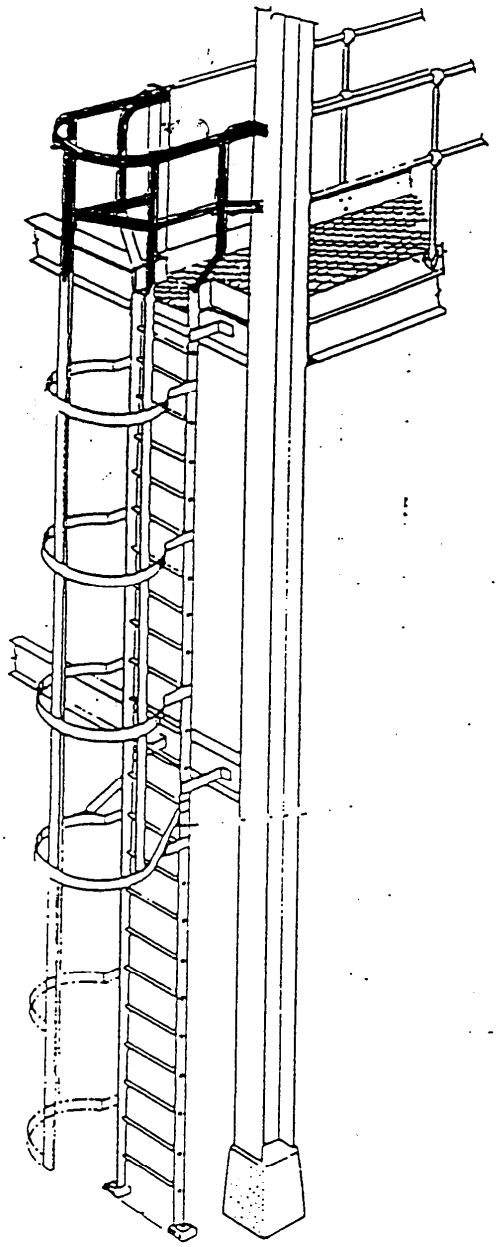
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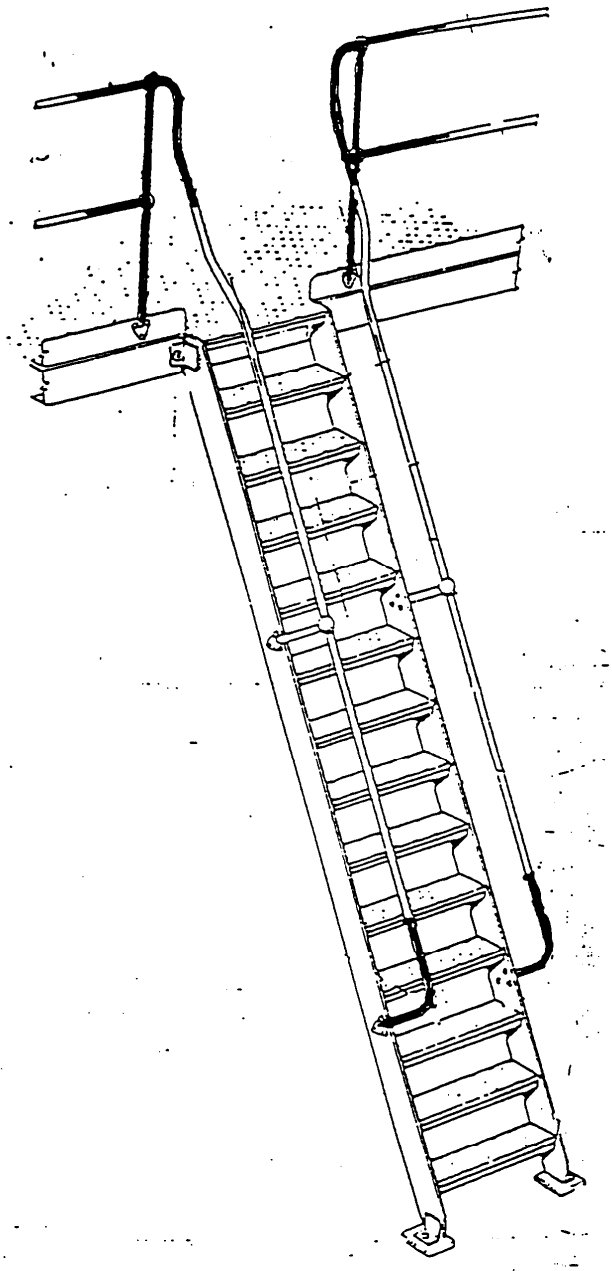
See ▲International Paint's latest datasheets for all technical, COSHH and other information (2)

SURFACE PREPARATION	LOCATION/ DUTY
Solvent wash	Vinyl finished metal lagging

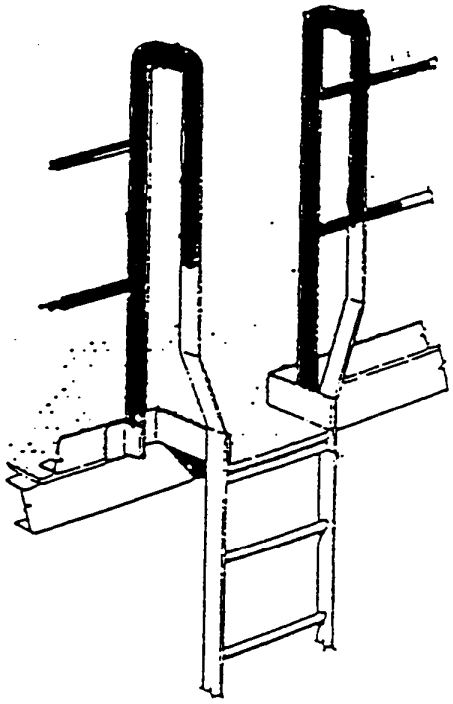
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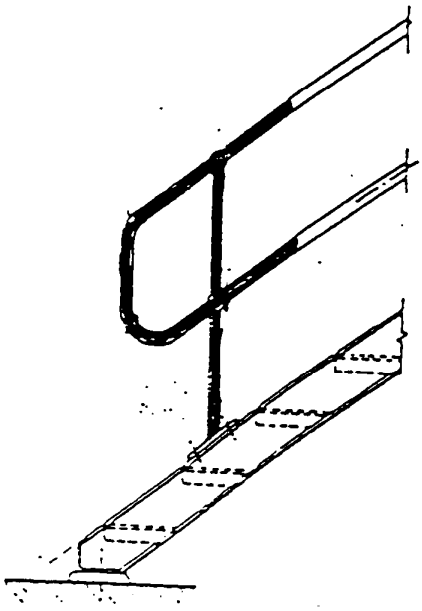
Appendix C - Painting of Stairs and Cat Ladders, Sheet 1 of 3

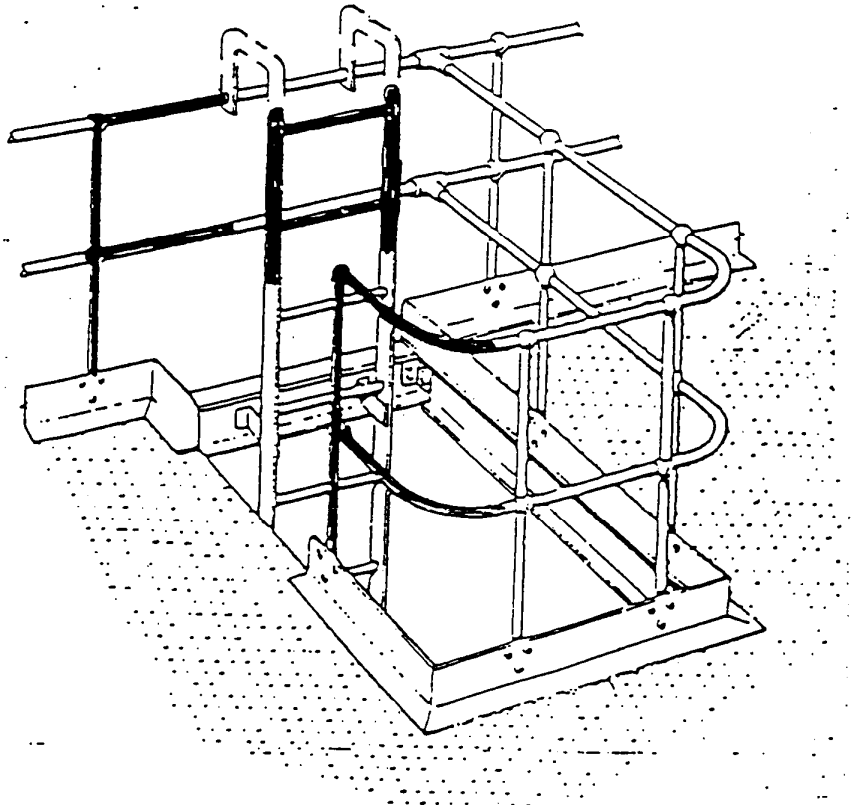




Appendix C - Painting of Stairs and Cat Ladders, Sheet 2 of 3







Appendix C - Painting of Stairs and Cat Ladders, Sheet 3 of 3

