Interline® 9001

Bimodal Polymer

PRODUCT DESCRIPTION

A patented, two component, high performance chemical tank lining with low absorption and easy clean characteristics requiring heated post cure.

INTENDED USES

To provide corrosion protection for the internals of carbon steel and stainless steel chemical tanks, vessels and containers.

Suitable for the carriage of an extensive range of aggressive cargos including but not limited to solvents, chemicals, petrochemicals and acids whether concentrated, diluted or spent.

Interline 9001 offers excellent resistance to a wide range of chemicals making it suitable for tanks that may be used for different chemical cargos or single specification for a wide range of chemical tanks. Cross-contamination due to cargo sequencing is reduced due to the ultra-low absorption of the Interline 9001. The smooth and high gloss finish of Interline 9001 makes it easier to clean, reducing cleaning costs.

PRACTICAL INFORMATION FOR INTERLINE 9001

Colour	Buff, Grey, Red
Gloss Level	Gloss
Volume Solids	80%
Typical Thickness	100-200 microns (4-8 mils) dry equivalent to 125-250 microns (5-10 mils) wet
Theoretical Coverage	5.33 m²/litre at 150 microns d.f.t and stated volume solids 214 sq.ft/US gallon at 6 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless spray, Conventional Spray, Brush, Roller

Drying Time

			Overcoating Interval with recommended topcoats	
Temperature	**Touch Dry**	**Hard Dry**	*Minimum*	*Maximum*
15°C (59°F)	32 hours	40 hours	48 hours	5 days
25°C (77°F)	14 hours	18 hours	24 hours	4 days
35°C (95°F)	6 hours	9 hours	16 hours	3 days

REGULATORY DATA

Flash Point (Typical) Part A 34°C (93°F); Part B 100°C (212°F); Mixed 46°C (115°F)

VOC	1.47 lb/gal (177 g/lt)	EPA Method 24
	93 g/kg	EU Solvent Emissions Directive (Council Directive 1999/13/EC)
	115 g/lt	Chinese National Standard GB23985

See Product Characteristics section for further details

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Where necessary, remove weld spatter and smooth weld seams and sharp edges. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

This product must only be applied to surfaces prepared by abrasive blast cleaning to Sa2½ (ISO 8501-1:2007) or SSPC-SP10. For aqueous cargoes in elevated temperature service, the minimum standard of surface preparation should be abrasive blast clean to Sa3, (ISO 8501-1:2007) or SSPC-SP5. A sharp, angular surface profile of 50-75 microns (2-3 mils) is required.

The preferred method of holding the blast standard is by dehumidification. Interline 9001 must be applied before oxidation of the steel occurs. If oxidation does occur the entire oxidised area should be reblasted to the standard specified above. Surface defects revealed by the blast cleaning process should be ground, filled or treated in the appropriate manner.

Areas of breakdown, damage, weld seam etc. should be prepared to the specified standards (e.g. Sa2½ (ISO8501-1: 2007) or SSPC-SP10 or power tool cleaned to Pt3 (JRSA SPSS:1984) or SSPC-SP11).

APPLICATION

Mixing

Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified.

(1) Agitate Base (Part A) with a power agitator.

(2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.

Mixed unit must be maintained at >20ºC (68ºF) during mixing and application.

It is recommended that Interline 9001 is allowed a 15 minute induction period after mixing, prior to commencing application.

Mix Ratio

7.52part(s):1part(s) by volume

Working Pot Life

25°C (77°F)	35°C (95°F)
60 minutes	60 minutes

Airless Spray

Recommended

Tip Range 0.38-0.58 mm (15-23 thou)
Total output fluid pressure at spray tip not less than 176 kg/cm² (2503 p.s.i.)

Air Spray (Conventional)

Suitable

Brush

Suitable - Small areas and stripe coating only

Multiple coats may be required to achieve specified film thickness.

Roller

Suitable - Small areas and stripe coating only

Multiple coats may be required to achieve specified film thickness.

Thinner

DO NOT THIN

Cleaner

International GTA822 / GTA415

Work Stoppages

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA822 or International GTA415. Once units of paint have been mixed, they should not be resealed and it is advised that after prolonged stoppages, work recommences with freshly mixed units.

Clean Up

Clean all equipment immediately after use with International GTA822 or International GTA415. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency should depend upon amount sprayed, temperature and elapsed time, including any delays.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

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PRODUCT CHARACTERISTICS

The detailed Interline 9001 Application Guidelines should be consulted prior to use.

International Protective Coatings should be consulted to confirm that Interline 9001 is suitable for the range of chemicals to be stored.

Apply in good climatic conditions. The temperature of the surface to be coated must be at least 3°C (5°F) above the dew point. When applying Interline 9001 in confined spaces ensure adequate ventilation. A mandatory heated post-cure is required before the coating enters service; consult International Protective Coatings for further information.

Interline 9001 will not cure adequately below 15°C (59°F). At no time during the application and up to the first 48 hours after application of the final coat must the steel temperature fall below 15°C (59°F) and the relative humidity exceed 50%.

Film Thickness:

The minimum required DFT is 240µm, the maximum DFT is 450µm.

In way of areas of tanks that are difficult to paint due to their configuration , e.g heavily stiffened tanks, and where a degree of overthickness is unavoidable, a maximum of 600 microns dft is acceptable.

The drying times and overcoating intervals may alter due to various on-site factors such as tank configuration, ventilation rates etc.

Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Consult your local International Paint representative for specific recommendations.

Note: VOC values are typical and are provided for guidance purpose only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances.

Low molecular weight reactive additives, which will form part of the film during normal ambient cure conditions, will also affect VOC values determined using EPA Method 24.

SYSTEMS COMPATIBILITY

Interline 9001 will normally be applied direct to metal and is not normally overcoated with any product other than itself.

ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at www.international-pc.com:

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
- Theoretical & Practical Coverage

Individual copies of these information sections are available upon request.

SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Safety Data Sheet and the container(s), and should not be used without reference to the Safety Data Sheet (SDS).

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

PACK SIZE	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	20 litre	17.65 litre	20 litre	2.35 litre	2.5 litre
	5 litre	4.41 litre	5 litre	0.59 litre	1 litre
	1 US gal	0.88 US gal	1 US gal	0.12 US gal	1 US quart
	For availability of other pack sizes, contact International Protective Coatings.				

SHIPPING WEIGHT (TYPICAL)	Unit Size	
	5 litre	8.83 kg
	20 litre	32.3 kg
	1 US gal	15.9 lb

STORAGE	Shelf Life	12 months at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

Important Note

www.international-pc.com