

Interline 982

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WORLD WIDE PRODUCT RANGE

Product Description

A two component epoxy holding primer.

Intended Uses

As a blast holding primer, for the temporary protection of freshly blasted steel during the application of tank linings.

As a versatile primer to maximise the effect of dehumidification utilised during the lining of tank internals.

A fully compatible tank primer which will maintain the optimum performance of the applied tank lining.

Practical Information for Interline 982

Colour	Primrose
Gloss Level	Not applicable
Volume Solids	30%
Typical Thickness	15-40 microns (0.6-1.6 mils) dry equivalent to 50-133 microns (2.0-5.3 mils) wet
Theoretical Coverage	12.0 m ² /litre at 25 microns d.f.t and stated volume solids 481 sq.ft/US gallon at 1.0 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless spray, Air spray, Brush, Roller

Drying Time

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			<i>Minimum</i>	<i>Maximum*</i>
10°C (50°F)	45 minutes	5 hours	24 hours	28-50 days
15°C (59°F)	30 minutes	3 hours	24 hours	28-50 days
25°C (77°F)	20 minutes	90 minutes	24 hours	28-50 days
40°C (104°F)	10 minutes	30 minutes	16 hours	28-50 days

* The maximum overcoating interval will vary depending upon the topcoat system and the products to be stored. Please consult International Protective Coatings for further details.

Regulatory Data

Flash Point	Base (Part A) 21°C (70°F)	C/A (Part B) 23°C (73°F)	Mixed 21°C (70°F)
Product Weight	1.24 kg/l (10.35 lb/gal)		
VOC	600 g/l	UK - PG6/23(92), Appendix 3	
	5.04 lb/gal(605 g/l)	USA - EPA Method 24	

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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 8504:1992.

Where necessary, remove weld spatter, and where required smooth weld seams and sharp edges.

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

Abrasive Blast Cleaning

Abrasive blast clean to Sa2½ (ISO 8501-1:1988) or SSPC-SP10. If oxidation has occurred between blasting and application of Interline 982, the surface should be reblasted to the specified visual standard.

Surface defects revealed by the blast cleaning process, should be ground, filled, or treated in the appropriate manner.

Thin Film Systems

A sharp, angular surface profile of 50-75 microns (2-3 mils) is recommended.

Heavy Duty Systems & Glass Reinforced Systems

A sharp, angular surface profile of 75-100 microns (3-4 mils) is recommended.

This product is NOT recommended over hand prepared steel.

Application

Mixing	Interline 982 must be applied in accordance with the Interline 982 system sheet and the detailed International Protective Coatings Recommended Working Procedures for application of Tank Linings.			
	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.			
Mix Ratio	8.2 parts : 1 part by volume			
Working Pot Life	10°C (50°F) 10 hours	15°C (59°F) 8 hours	25°C (77°F) 6 hours	40°C (104°F) 3 hours
Airless Spray	Recommended	- Tip range 0.43-0.53 mm (17-21 thou) - Total output fluid pressure at spray tip not less than 141 kg/cm² (2,000 p.s.i.)		
Air Spray (Pressure Pot)	Recommended	Gun Air Cap Fluid Tip	DeVilbiss MBC or JGA 704 or 765 E	
Brush	Suitable - Small areas only	Typically 15-25 microns (0.6-1.0 mil) can be achieved.		
Roller	Suitable - Small areas only	Typically 15-25 microns (0.6-1.0 mil) can be achieved.		
Thinner	International GTA220 (or GTA415)	Do not thin more than allowed by local environmental legislation.		
Cleaner	International GTA822 (or GTA415)			
Work Stoppages	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA822. 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. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will 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

Interline 982 can hold a blast for up to 28 days in the semi-protected environment of a tank interior. If moisture is present on the surface, oxidation will occur and reblasting will be required.

Heavily pitted areas should be stripe coated by brush, to ensure good 'wetting' of the surface.

Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Do not apply at steel temperatures below 10°C (50°F).

This product will not cure adequately below 5°C (41°F). For maximum performance ambient curing temperatures should be above 10°C (50°F).

If applying Interline 982 in confined spaces ensure adequate ventilation.

Exposure to unacceptably low temperatures and/or high humidities during, or immediately after, application may result in incomplete cure and surface contamination that could jeopardise subsequent intercoat adhesion.

Dry film thicknesses above 40 microns (1.6 mils) and below 15 microns (0.6 mils) may adversely affect appearance and performance.

For heavy duty and GRP systems excessive film thicknesses must be avoided, 15-25 microns (0.6-1.0 mil) must be specified if primer is required. To achieve this dry film thickness Interline 982 may be thinned to a maximum of 25%.

Over-application of Interline 982 will extend both the minimum overcoating periods and handling times, and may be detrimental to long term overcoating properties.

This product has the following specification approvals:

BS6920 Water Fittings & Byelaws Scheme as the primer for Interline 925

Systems Compatibility

The following topcoats are recommended for Interline 982:

Interline 903	Interline 983
Interline 910	Interline 985
Interline 925	Interline 993
Interline 944	Interline 995
Interline 967	

Consult International Protective Coatings to confirm that Interline 982 is suitable for contact with the product to be stored.

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Additional Information

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following sections of the International Protective Coatings data manual:

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

Individual copies of the following information are available upon request.

- Tank Linings Recommended Working Procedures

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 Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS) which International Protective Coatings has provided to its customers.

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	20 litre unit	Interline 982 Base	17.83 litres in a 20 litre container
		Interline 982 Curing Agent	2.17 litres in a 2.5 litre container
	5 gallon unit	Interline 982 Base	4 gallons in a 5 gallon container
		Interline 982 Curing Agent	1 gallon in a 1 gallon container
For availability of other pack sizes contact International Protective Coatings			
Shipping Weight	U.N. Shipping No. 1263		
	20 litre unit	25.1 kg (55.3 lb) Base (Part A)	2.4 kg (5.3 lb) Curing Agent (Part B)
	5 gallon unit.	23.4 kg (51.7 lb) Base (Part A)	3.9 kg (8.6 lb) Curing Agent (Part B)
Storage	Shelf Life		
	12 months minimum at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.		

Disclaimer

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Any warranty, if given, or specific Terms & Conditions of Sale are contained in International's Terms & Conditions of Sale, a copy of which can be obtained on request. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

It is the user's responsibility to check that this sheet is current prior to using the product. Issue date: 1st June 1997

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International Protective Coatings

Worldwide Availability

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