

Interprime 198

Alkyd



Product Description A one component, fast drying, high performance, universal alkyd primer.

Intended Uses Primarily intended for use as a maintenance primer on hand prepared steel.
 Quick drying properties make it equally suitable for use at new construction in the fabrication shop.
 Suitable for overcoating hand prepared substrates, and overcoatable with a wide range of topcoats, including epoxies and polyurethanes.

Practical Information for interprime 198

Colour Grey, Red oxide
Gloss Level Matt
Volume Solids 41%
Typical Thickness 50-75 microns (2-3 mils) dry equivalent to 122-183 microns(4.9-7.3 mils) wet
Theoretical Coverage 6.8 m²/litre at 60 microns d.f.t. and stated volume solids
 274 sq.ft/US gallon at 2.4 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	Minimum	Overcoating Interval of Interprime 198 with:		
				Self Maximum	Interlac Finishes Minimum	Interlac Finishes Maximum
5°C (41°F)	3 hours	8 hours	3 hours	Extended*	6 hours	Extended*
15°C (59°F)	90 minutes	3 hours	2 hours	Extended*	3 hours	Extended*
25°C (77°F)	60 minutes	2 hours	60 minutes	Extended*	2 hours	Extended*
40°C (104°F)	30 minutes	1 hour	30 minutes	Extended*	1 hour	Extended*

*See International Protective Coatings Definitions & Abbreviations

Regulatory Data

Flash Point 35°C (95°F)
Product Weight 1.3 kg/l (10.8 lb/gal)
VOC 508 g/l UK - PG6/23(92), Appendix 3
 4.25 lb/gal (509 g/l) USA - EPA Method 24

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Surface Preparation

The performance of this product will depend upon the degree of surface preparation. The surface 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.

Accumulated dirt and soluble salts must be removed. Dry bristle brushing will normally be adequate for accumulated dirt. Soluble salts should be removed by fresh water washing.

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

Abrasive Blast Cleaning

Abrasive blast clean to a minimum of Sa2½ (ISO 8501-1:1988) or SSPC-SP6.

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

Interprime 198 is suitable for application to blast cleaned surfaces which were initially to the above standard but have been allowed to deteriorate under good shop conditions for up to 7-10 days. The surface may deteriorate to Sa2 standard but must be free from loose powdery deposits.

Maintenance and Site Touch-up

The product is designed for application to surfaces prepared to St2 (ISO 8501-1:1988) or SSPC-SP2. When using power tools care should be taken to avoid surface polishing. The product may also be applied to surfaces which have been brush blasted to Sa1 (ISO 8501-1:1988) or SSPC-SP7. On poor surfaces brush application will assist performance.

Interprime 198 is suitable for overlap on to most aged coating systems. Loose or flaking coatings should be removed back to a firm edge. Glossy epoxies and polyurethanes may require abrasion.

Application

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.	
Mix Ratio	Not applicable	
Working Pot Life	Not applicable	
Airless Spray	Recommended	- Tip range 0.43-0.53 mm (17-21 thou) - Total output fluid pressure at spray tip not less than 176 kg/cm ² (2,500 p.s.i.)
Conventional Spray	Recommended	Gun DeVilbiss MBC or JGA Air Cap 704 or 765 Fluid Tip E
Brush	Recommended	Typically 40-50 microns (1.6-2.0 mils) can be achieved Care should be taken to avoid under-application
Roller	Recommended	Typically 40-50 microns (1.6-2.0 mils) can be achieved Care should be taken to avoid under-application.
Thinner	International GTA007	Do not thin more than allowed by local environmental legislation.
Cleaner	International GTA007	
Work Stoppages	Thoroughly flush all equipment with International GTA007. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or viscosity increase of the material after storage. Material should be filtered prior to use.	
Clean Up	Clean all equipment immediately after use with International GTA007. 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

Anti-corrosive performance on hand prepared steel is related directly to both the degree of surface preparation and the dry film thickness of the system applied.

In order to ensure good anti-corrosive performance, it is important to achieve a minimum system dry film thickness of 150 microns (6 mils) by application of multi-coats over hand prepared steel.

When overcoating with epoxies or polyurethanes it will be necessary to adhere to the specification dry film thickness to ensure that adequate drying times are allowed, and that the Interprime 198 is not over-applied.

Minimum overcoating time for epoxy and polyurethane topcoats is 16 hours at 25°C (77°F). Further information is available from International Protective Coatings.

This product is not intended for use in aggressive, corrosive environments, or on heavily pitted, or contaminated steel.

Interprime 198 is not suitable for use as a barrier coat for upgrading old chlorinated rubber and vinyl systems.

When used in a marine environment the schemes and overcoating intervals utilised may differ. Coating systems incorporating Interprime 198 are not suitable for immersion service.

Systems Compatibility

Interprime 198 is normally applied to either blasted or hand or power tool cleaned steel. However, it is suitable for application over the following primers and is compatible for touch-up overlap on existing convertible coatings:

Intergard 251
Intergard 269

The following topcoats can be applied to Interprime 198:

Intercryl 530
Interfine 629 HS
Intergard 740
Interlac 665
Interplus 770
Interplus 880
Interthane 990

For other suitable primers/topcoats consult International Protective Coatings.

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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 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 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	20 litres in a 20 litre steel container	
	5 gallon unit	5 gallons in a 5 gallon container	
For availability of other pack sizes contact International Protective Coatings			
Shipping Weight	U.N. Shipping No. 1263		
	20 litre unit	26.8 kg	(59.1 lb)
	5 gallon unit	27.6 kg	(60.9 lb)
Storage	Shelf Life	24 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

World Centre	Asia Region	Australasia Region	Europe Region	Middle East Region	North America Region	South America Region
50 George Street London W1A 2BB England	3 Neythal Road Jurong Town Singapore 628570	115 Hyde Road Yeronga Brisbane Queensland Australia	50 George Street London W1A 2BB England	PO Box 37 Dammam 31411 Saudi Arabia	6001 Antoine Drive Houston Texas 77091	Rua Gomes de Carvalho, 1356, 15° Andar, Vila Olimpia, São Paulo, S.P. CEP: 04547-005 Brazil

Tel: (44) 171 612 1400 Tel: (65) 663 3066
Fax: (44) 171 612 1561 Fax: (65) 266 5287

Tel: (61) 7 3892 8866
Fax: (61) 7 3892 4287
H&S (61) 1800 807 001

Tel: (44) 171 612 1410 Tel: (966) 3 842 8436
Fax: (44) 171 612 1555 Fax: (966) 3 842 4361

Tel: (1) 713 682 1711
Fax: (1) 713 684 1327

Tel: (011) 3044 0344
Fax: (011) 3044 0322