

Interprime 409

Alkyd

Product Description A single component, general purpose alkyd based anti-corrosive primer containing no lead or chromate based pigments.

Intended Uses As a single versatile primer for application to general steelwork in a wide range of environmental conditions.

Practical Information for interprime 198

Colour	Red			
Gloss Level	Matt			
Volume Solids	53%			
Typical Thickness	50 microns (2 mils) dry equivalent to 95microns (3.76mils) wet			
Theoretical Coverage	10.6 m ² /litre at 50 microns d.f.t. and stated volume solids 425 sq.ft/US gallon at 2 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				
			Overcoating Interval with recommended topcoats	
Temperature	Touch Dry	Hard Dry	<i>Minimum</i>	<i>Maximum*</i>
5°C (41°F)	4 hours	24 hours	24 hours	Extended*
15°C (59°F)	3 hours	20 hours	20 hours	Extended*
25°C (77°F)	2 hours	16 hours	16 hours	Extended*
40°C (104°F)	30 minutes	8 hours	8 hours	Extended*

*See International Protective Coatings Definitions & Abbreviations

Regulatory Data

Flash Point	>32°C (>90°F)	
Product Weight	1.36 kg/l (11.3 lb/gal)	
VOC	403 g/l (3.36 lb/gal) UK - PG6/23(92), Appendix 3	

Interprime 409

A l k y d

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.

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 SP6. If oxidation has occurred between blasting and application of Interprime 409, 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.

Interprime 409 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.

Shop Primed Steelwork

Weld seams and damaged areas should be blast cleaned to Sa2½ (ISO 8501-1:1988) or SSPC SP6.

If the shop primer shows extensive or widely scattered breakdown overall sweep blasting may be necessary.

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 0.38-0.48 mm (15-19 thou) - Total output fluid pressure at spray tip not less than 176 kg/cm ² (2,500 p.s.i.)
Conventional Spray	Recommended Use suitable proprietary equipment.
Brush	Recommended Typically 25-50 microns (1-2 mils) can be achieved
Roller	Recommended Typically 25-50 microns (1-2 mils) can be achieved
Thinner	International GTA004 Do not thin more than allowed by local environmental legislation.
Cleaner	International GTA004
Work Stoppages	Thoroughly flush all equipment with International GTA004. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered prior to use.
Clean Up	Clean all equipment immediately after use with International GTA004. 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.

Interprime 409

A l k y d

Product Characteristics

Two coats of Interprime 409 will be required to give satisfactory build and performance.

When applying Interprime 409 by brush or roller, it may be necessary to apply multiple coats to achieve the total specified system dry film thickness.

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

When applying Interprime 409 in confined spaces ensure adequate ventilation.

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

Interprime 409 is not designed for continuous water immersion.

Interprime 409 is not suitable for exposure to acid or alkaline environments.

Over-application of Interprime 409 will extend both the minimum overcoating periods and handling times, and may be detrimental to long term overcoating properties.

Where a durable cosmetic finish with good gloss and colour retention is required overcoat with recommended topcoats.

Systems Compatibility

For other suitable primers/topcoats consult International Protective Coatings.

Interprime 409

A l k y d

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 litre unit	5 litres in a 5 litres container	
	For availability of other pack sizes contact International Protective Coatings		
Shipping Weight	U.N. Shipping No. 1263		
	20 litre unit	29.1 kg	(64.2 lb)
	5 litre unit	7.3 kg	(16.1 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: 28/06/2002

Copyright © International Paint Ltd.  and International are trademarks.

International Protective Coatings

World Centre
P.O Box 20980
Oriol House
16 Connaught Place
London, W2 2ZB
England

Asia Region
3 Neythal Road
Jurong Town
Singapore 628570

Australasia Region
115 Hyde Road
Yeronga
Brisbane
Queensland
Australia

Europe Region
P.O Box 20980
Oriol House
16 Connaught Place
London, W2 2ZB
England

Middle East Region
PO Box 37
Dammam 31411
Saudi Arabia

North America Region
6001 Antoine Drive
Houston
Texas 77091

South America Region
Av Paiva 999,
Neves, Sao Gonçalo,
Rio de Janeiro
Brazil

Tel: (44) 20 7479 6000 Tel: (65) 663 3066
Fax: (44) 20 7479 6500 Fax: (65) 266 5287

Tel: (61) 7 3892 8888
Fax: (61) 7 3892 4287
H&S (61) 1800 807 001

Tel: (44) 20 7479 6000 Tel: (966) 3 812 1044
Fax: (44) 20 7479 6500 Fax: (966) 3 812 1169

Tel: (1) 713 682 1711
Fax: (1) 713 684 1514

Tel: (55) 21 624 7100
Fax: (55) 21 624 7123