

Water Based Peelable Coating

PRODUCT DESCRIPTION A single component, spray applied, high build, water based coating for direct application over coated substrates and non-ferrous substrates. Interseal 1122 dries to form a non-tacky, tough, resilient temporary protective layer.

INTENDED USES Interseal 1122 is designed to provide excellent short term protection against a wide range of contaminants such as dust, oil, grease, grinding debris, fly rust and coating application overspray whilst providing a degree of resistance to abrasion, grinding debris and scuffing.

The dual protective and unique peelable properties of Interseal 1122 make it ideal for use in those market areas where coated substrates require temporary protection against incidental contamination and damage such as that experienced during transit or in a fabrication - assembly construction process.

Interseal 1122 can assist in providing a significant reduction in immediate and longer term coating maintenance costs whilst improving productivity during assembly and installation.

PRACTICAL INFORMATION FOR INTERSEAL 1122

Colour	Blue, White
Gloss Level	Semi Gloss
Volume Solids	42%
Typical Thickness	125-250 microns (5-10 mils) dry equivalent to 298-595 microns (11.9-23.8 mils) wet
Theoretical Coverage	2.80 m ² /litre at 150 microns d.f.t and stated volume solids 112 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, Air Spray, Brush, Conventional Spray, Roller
Drying Time	

Temperature	Touch Dry	Peel Time	Overcoating Interval with recommended topcoats	
			Minimum	Maximum
5°C (41°F)	40 minutes	2.5 hours ¹	3 days	Extended ²
15°C (59°F)	30 minutes	2 hours ¹	2 days	Extended ²
25°C (77°F)	20 minutes	1.5 hours ¹	2 days	Extended ²
40°C (104°F)	15 minutes	1 hour ¹	1 day	Extended ²

¹ The peel time quoted at the specified temperatures can be defined as the minimum time required in which sufficient Interseal 1122 film strength has developed throughout its thickness to facilitate the peel process. Peel times beyond those quoted will allow further film strength development to take place and subsequently improve peeling efficiency.

² See International Protective Coatings Definitions and Abbreviations

REGULATORY DATA

Flash Point (Typical)	>101°C (214°F)	
Product Weight	1 kg/l (8.3 lb/gal)	
VOC	0.00 lb/gal (0 g/ltr)	EPA Method 24

See Product Characteristics section for further details

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SURFACE PREPARATION

Interseal 1122 is suitable for direct application over a wide range of approved coated and non-ferrous substrates. It is important that coating materials have undergone sufficient cure (drying) to ensure properties such as gloss and colour, particularly for durable cosmetic finishes, are not affected by the application of Interseal 1122. Consult International Protective Coatings for specific advice.

All surfaces to be coated should be clean, dry and free from contamination. Surface temperature must always be a minimum of 3°C (5°F) above dew point. Use masking material to protect adjoining surfaces from overspray. Mask off areas such as deep joint seams and channels that may create a mechanical keyway into which the coating will lock.

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	
Airless Spray	Recommended	Tip Range 0.43-0.53 mm (17-21 thou) Total output fluid pressure at spray tip not less than 105 kg/cm ² (1493 p.s.i.)
Air Spray (Conventional)	Recommended	
Brush	Suitable - small areas only	Multiple coats may be required to achieve specified film thickness.
Roller	Suitable	Multiple coats may be required to achieve specified film thickness.
Thinner	DO NOT THIN	
Cleaner	International GTA853	
Work Stoppages	Thoroughly flush all equipment with clean water followed by International GTA853. 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 GTA853. 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.	
Removal	Once removed, Interseal 1122 is easily compacted by hand for effective reduction in waste volume prior to disposal. Interseal 1122 should be disposed of in accordance with appropriate regional regulations/legislation.	

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PRODUCT CHARACTERISTICS

Interseal 1122 is typically specified as a single coat system, however, multiple coats can be applied to provide increased protection against mechanical damage. Consult International Protective Coatings for specific advice.

As with all water borne coatings careful control of application conditions is required to ensure good performance.

The following basic parameters must be adhered to:

Interseal 1122 must be protected from freezing at all times during storage. Storage at 5°C (41°F) is recommended.

The minimum steel temperature for application must be above 5°C (41°F), and be at least 3°C (5°F) above dew point. Application at relative humidities above 70% will result in longer peel and overcoating times.

Good airflow is essential around the object being coated [minimum air speed 0.1m/sec (4 inches/sec), maximum air speed 0.5m/sec (20 inches/sec)].

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.

SYSTEMS COMPATIBILITY

Interseal 1122 can be applied directly over stainless steel and other non-ferrous substrates. Consult International Protective Coatings for further details.

Interseal 1122 can be applied directly over the following approved products:

Intergard 343	Interfine 878
Intergard 740	Intershield 300
Intergard 787	Interthane 989

For other suitable approved products contact International Protective Coatings. Interseal 1122 should only ever be overcoated with itself.

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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 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	Vol	Pack
		15 litre	15 litre

For availability of other pack sizes, contact International Protective Coatings.

SHIPPING WEIGHT (TYPICAL)	Unit Size	
		15 litre

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. Protect from freezing at all times during storage

Important Note

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the 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 at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

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