

These working procedures are intended to be used in addition to the product data and MSDS.

PRODUCT DESCRIPTION Interplus 80 is a high performance maintenance coating. Providing high solids, high build, fully recoatable application, it offers excellent brush and roller application, therefore eliminating the need for multiple coats.

Excellent resistance to corrosive industrial or coastal environments.

May be applied directly to aged coatings including alkyds and epoxies.

INTENDED USES Interplus 80 has been specifically designed for roller or brush application. This allows the application of a polyurethane coating while greatly reducing the health risks arising from isocyanates in spray mist form. Interplus 80 provides superior gloss and color retention even in severe industrial and coastal environments and is the ideal maintenance coating for:

Bridges, structural steel, roofing and storage tanks.

High profile shopping and entertainment centers, sports complexes and arenas.

Food and dairy processing plants.

PRODUCT CHARACTERISTICS

Gloss:	High Gloss
Color Range:	Chromascan
Volume Solids:	76%
Typical DFT:	4-6 mils (100-150 microns) dry equivalent to 5.3-7.9 mils (135-200 microns) wet
Recommended Thinner:	GTA 056
VOC:	1.79lb/gal (215 g/l)

Interplus 80 is a specialty finish and requires careful consideration, especially during application in order to ensure the best overall results are achieved.

Interplus 80 is suitable for overcoating most tightly adherent aged coatings. Loose or flaking coatings should be removed back to a firm edge. Glossy finishes may require light abrasion to provide a physical 'key'. All remaining coating must be tested to ensure adequate adhesion. To ensure compatibility, application and evaluation of a test patch is required.

The maximum recoat time window for Interplus 80 with itself is indefinite provided the film is sound, and intact. When overcoating after weathering, or ageing, ensure the coating is fully cleaned to remove all surface contamination such as oil, grease, salt crystals and traffic fumes, before application of a further coat of Interplus 80.

When applying Interplus 80 by brush or roller, it is not normal but may be necessary to apply multiple coats to achieve the total specified system dry film thickness.

This product must only be thinned using specified thinners. The use of alternative thinners can severely inhibit the curing mechanism of the coating and film durability.

When thinning Interplus 80 ensure that base and curing agent are mixed thoroughly before adding thinner. Addition of thinner before curing agent has been mixed in may result in surface defects such as pin-holing and "fish-eye".

When applying Interplus 80 in confined spaces ensure adequate ventilation.

Interplus 80

Working Procedures



PRODUCT CHARACTERISTICS (cont)

Condensation occurring during or immediately after application may result in a matte finish and an inferior film. Premature exposure to ponding water will cause color change, especially in dark colors and at low temperatures.

Interplus 80 may yellow slightly when light colors are used for internal applications. If subsequently exposed to sunlight this yellowing will disappear.

This product will not cure adequately below 41°F (5°C) or at humidities above 85%. For maximum performance ambient curing temperatures should be above 50°F (10°C). Consult International Protective Coatings for details.

Over application and/or application in humidities above 85% can cause micro foaming.

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

Part B converter is extremely sensitive to moisture. Keep tightly sealed and under cover when not in use. Use moisture traps in all lines.

This product is not recommended for use in immersion conditions. When severe chemical or solvent splashing is likely to occur contact International Protective Coatings for information regarding suitability.

For optimum application characteristics the material should be between 60° and 85°F.

APPLICATION

Interplus 80 is intended to be applied by brush and/or roller. Minimal thinning should be required for this application. Due to the high build characteristic of this product the applicator or may notice more drag on the roller than with thin film products. Excessive rolling will cause bubbling and pinholing in the film. Where feasible this power roller will help maintain a continuous paint supply and provide a more uniform application. Brushes and roller covers used in the application of this product must be designed for use materials containing strong solvents such as ketones and aromatics.

If spray application is required it will be necessary to thin the Interplus 80 up to 20% by volume with GTA056. At this volume VOC will be 2.59#/gal.

Conventional Equipment suggested is DeVilbiss MBC gun equipped with a D needle and a 64 air cap or equivalent. The fluid hose should be a minimum of ½" I.D. and a maximum 25' in length. The spray pot should be on the same level or slightly higher than the gun. Pot and atomization pressure will need to be adjusted to optimize application.

Airless spray equipment suggested:
Pump Ratio - 45 to 1 minimum
Tip Size - .017 to .023
Fluid hose – 3/8" ID minimum and 100' maximum length

You must also consult the Interthane 990 product datasheet and Material Safety Datasheets (MSDS) for additional information prior to using this product.

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 endeavor 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.

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