

PRODUCT DESCRIPTION

An advanced technology, premium quality, flat waterborne acrylic coating for use as a protective maintenance rust inhibitive direct-to metal (DTM) primer and finish. Bonds to clean glossy, hard surfaces such as aged oil base or alkyd enamels without sanding.

INTENDED USES

Ideal for the exterior of tanks, metal buildings, structural steel, piping, handrails and masonry construction. Can be applied directly to interior or exterior steel, weathered or properly cleaned galvanized steel and masonry in institutional, residential, and light industrial areas.

PRACTICAL INFORMATION FOR DEVFLEX 4020PF

Color	White, Red
Gloss Level	Flat
Volume Solids	44% ± 2%
Typical Thickness	2.2-3.5 mils (55-87.50 microns) dry equivalent to 5-8 mils (125-200 microns) wet
Theoretical Coverage	248 sq.ft/US gallon at 2.8 mils d.f.t and stated volume solids 6.20 m ² /liter at 71.25 microns d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless Spray, Roller, Air Spray, Brush

Drying Time

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			Minimum	Maximum
77°F (25°C)	*1	2 hours	2 hours	Extended

¹ * not applicable

REGULATORY DATA

Flash Point	>214°F (101°C)	
Product Weight	11.8 lb/gal (1.42 kg/l)	
VOC	91 g/lit (0.76 lbs/gal)	Calculated

See Product Characteristics section for further details

SURFACE PREPARATION

All surfaces should be clean, dry and free from contaminants including, but not limited to curing compounds, release agents, trowelling compounds, surface hardeners, efflorescence, grease, oil, dirt, old coatings and loose or disintegrating concrete. All poured and precast concrete must also be sweep blasted (preferred) or acid etched to remove laitence.

Steel

Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6 or ISO-Sa2). Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning. Prime with this product. If rust staining occurs, apply a second coat of this product.

Galvanized Metal and Aluminum

Degrease to SSPC-SP1 and remove any white zinc corrosion products by hand abrasion cleaning. Self prime with Devflex 4020PF.

Concrete, Plaster and Masonry

Must cure at least 30 days before painting. pH must be 10.0 or lower. Roughen slick poured or pre-cast concrete and remove sealers by chemical cleaning or abrasive method such as grit sweeping. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime with Devflex 4020PF. Fill block with latex block filler Bloxfil 4000 or Glidden Professional 3010 filler.

Interior Wood and Drywall

Prime with Devflex 4020PF.

Previously Painted Surfaces:

Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Sanding is not required if the surface is properly and thoroughly cleaned (scuff sanding is required only on glossy, hard, slick or dense surfaces which are subject to high levels of moisture). Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz. (473 ml) liquid household bleach and two oz. (59 ml) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under New Surfaces. May be used self primed over previously painted interior surfaces.

APPLICATION

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.	
Airless Spray	Recommended	Use a 15 thou (0.38mm) tip size and adjust pressure as needed.
Brush	Suitable	
Roller	Suitable	
Thinner	Do not thin	
Cleaner	Clean all equipment immediately with warm, soapy water.	
Work Stoppages	Do not allow material to remain in hoses, guns or spray equipment. Thoroughly flush all equipment with clean water.	
Clean Up	Thoroughly flush all equipment with clean water . All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning after storage.	

**PRODUCT
CHARACTERISTICS**

Multiple surface uses:

- Direct-to-metal or masonry primer
- Interior and exterior steel, masonry or interior wood
- Ideal for shop applications
- Low VOC
- Low odor and water clean-up
- Fast dry and recoat
- Resists flash rust
- Corrosion resistant
- Easy application by brush, roll or spray
- Performance alternate for Federal Specifications MIL-P-28577B and TT-P-1975.

Spray application is preferred for application to bare steel to ensure adequate film build and protection.

Do not apply when air or surface temperature is below 50°F (10°C).

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 color and normal manufacturing tolerances.

**SYSTEMS
COMPATIBILITY**

The following topcoats are recommended:-

Devflex 4020PF
Devflex 4206QD
Devflex 4208QD
Devflex 4212HP
Devflex 4216HP
Devflex 659

For other suitable topcoats, consult International Protective Coatings.

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 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	Unit Size	Vol	Pack
	1 US gal	1 US gal	1 US gal
	5 US gal	5 US gal	5 US gal
For availability of other pack sizes contact International Protective Coatings			
SHIPPING WEIGHT	Unit Size		
	1 US gal		12.5 lb
	5 US gal		61.9 lb
STORAGE	Shelf Life	24 months minimum at 77°F (25°C). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.	

Disclaimer

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 International Paint representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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