A two component epoxy finish coat suitable for brush, roller and spray application.

### Intended Uses
As a tough, hard wearing finish for application over properly primed surfaces. Exhibits good abrasion resistance, and affords good protection against spills and splashes of a range of chemicals such as acids, alkalis, solvents, and salt solutions.

Suitable for use in a wide range of environments including offshore structures, petrochemical facilities, bridges, pulp and paper mills, and the power industry.

### Practical Information for Intergard 740

<table>
<thead>
<tr>
<th>Color</th>
<th>Wide range via the Chromascan® system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloss Level</td>
<td>High Gloss</td>
</tr>
<tr>
<td>Volume Solids</td>
<td>51% ± 3% (depends on color)</td>
</tr>
<tr>
<td>Typical Thickness</td>
<td>2 mils (50 microns) dry equivalent to 3.9 mils (98 microns) wet</td>
</tr>
<tr>
<td>Theoretical Coverage</td>
<td>409 sq.ft/US gallon at 2 mils d.f.t and stated volume solids</td>
</tr>
<tr>
<td>Practical Coverage</td>
<td>10.20 m²/liter at 50 microns d.f.t and stated volume solids</td>
</tr>
<tr>
<td>Method of Application</td>
<td>Airless Spray, Air Spray, Brush, Roller</td>
</tr>
<tr>
<td>Drying Time</td>
<td>Overcoating Interval with recommended topcoats</td>
</tr>
<tr>
<td>Temperature</td>
<td>Touch Dry</td>
</tr>
<tr>
<td>50°F (10°C)</td>
<td>12 hours</td>
</tr>
<tr>
<td>59°F (15°C)</td>
<td>8 hours</td>
</tr>
<tr>
<td>77°F (25°C)</td>
<td>3 hours</td>
</tr>
<tr>
<td>104°F (40°C)</td>
<td>2 hours</td>
</tr>
</tbody>
</table>

¹ See International Protective Coatings Definitions & Abbreviations

### Regulatory Data

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>Part A 81°F (27°C); Part B 84°F (29°C); Mixed 82°F (28°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Weight</td>
<td>11.2 lb/gal (1.34 kg/l)</td>
</tr>
<tr>
<td>VOC</td>
<td>3.50 lb/gal (420 g/l) 344 g/kg</td>
</tr>
</tbody>
</table>

EPA Method 24

See Product Characteristics section for further details
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 8504:2000.

**Primed Surfaces**
Intergard 740 should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be clean, dry from all contamination, and Intergard 740 must be applied within the overcoating intervals specified (consult the relevant product data sheet).

Areas of breakdown, damage etc., should be prepared to the specified standard (e.g. SSPC-SP6 or Sa2½ (ISO 8501-1:2007), Abrasive Blasting, or SSPC-SP11, Power Tool Cleaning) and patch primed prior to the application of Intergard 740.

**Concrete, Pre-cast Blockwork, etc.**
Intergard 740 is suitable for application to concrete. For the first coat it is recommended that Intergard 740 is thinned 10-15% by International Thinners in order to provide good penetration with the concrete substrate and act as a primer/sealer coat.

Concrete should be cured for a minimum of 28 days prior to coating. The moisture content of the concrete should be below 6%. All surfaces should be clean, dry and free from 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.

**Surface Preparation**
- Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed, it must be used within the working pot life specified.
- **Mixing**
  - Mix Ratio: 4 part(s) : 1 part(s) by volume
  - Working Pot Life:
    - 50°F (10°C): 11 hours
    - 59°F (15°C): 10 hours
    - 77°F (25°C): 8 hours
    - 104°F (40°C): 2 hours
- **Airless Spray**
  - Tip Range: 15-21 thou (0.38-0.53 mm)
  - Total output fluid pressure at spray tip not less than 2503 psi (176 kg/cm²)
- **Air Spray**
  - Gun: DeVilbiss MBC or JGA
  - Air Cap: 704 or 765
  - Fluid Tip: E
- **Air Spray (Conventional)**
  - Use suitable proprietary equipment.
- **Brush**
  - Recommended
  - Typically 1.6 mils (40 microns) can be achieved
- **Roller**
  - Recommended
  - Typically 1.6 mils (40 microns) can be achieved
- **Thinner**
  - International GTA220 (or International GTA415)
- **Cleaner**
  - International GTA822 (or International GTA415)
- **Work Stoppages**
  - Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA822. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.
- **Clean Up**
  - Clean all equipment immediately after use with International GTA822. 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.
When applying Intergard 740 by brush or roller, it may be necessary to apply multiple coats to achieve the total specified system dry film thickness.

This product will not cure adequately below 41°F (5°C). For maximum performance ambient curing temperatures should be above 50°F (10°C).

In common with all epoxy coatings Intergard 740 may chalk or discolor on exterior exposure. Rate of chalking will depend upon climatic conditions, will have no adverse effect upon anti-corrosive property and will be limited to a thin surface layer.

Condensation occurring during or immediately after application may result in a matte finish and an inferior film.

Premature exposure to ponding water will cause a color change, especially in dark colors.

Level of sheen and surface finish is dependent on application method. Avoid using a mixture of application methods whenever possible.

Over-application of Intergard 740 will extend both the minimum overcoating periods and handling times, and may be detrimental to long term overcoating properties.

For brush and roller application, and in some colors, two coats of Intergard 740 may be required to give uniform coverage.

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.

Low molecular weight reactive additives, which will form part of the film during normal ambient cure conditions, will also affect VOC values determined using EPA Method 24.

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**PRODUCT CHARACTERISTICS**

The following primers are suitable for Intergard 740:

- Intercure 200
- Intercure 420
- Intergard 251
- Intergard 269
- Intergard 475HS
- InterH2O 401
- Interline 944
- Interplus 256
- Interplus 356
- Interplus 256
- Intergard 740
- Interzone 505
- Interline 850
- Interline 944
- Interseal 670HS
- Interzone 1000
- Interseal 670HS

When Intergard 740 is used as a primer for concrete the following products are suitable topcoats:

- Interline 629HS
- Intergard 740
- Interline 505
- Interline 944
- Interzone 954
- Interline 954

For other suitable primers/topcoats, consult International Protective Coatings.
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.

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

<table>
<thead>
<tr>
<th>Unit Size</th>
<th>Part A</th>
<th>Part B</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 liter</td>
<td>16 liter</td>
<td>20 liter</td>
</tr>
<tr>
<td>5 US gal</td>
<td>4 US gal</td>
<td>5 US gal</td>
</tr>
</tbody>
</table>

For availability of other pack sizes contact International Protective Coatings.

### SHIPPING WEIGHT

<table>
<thead>
<tr>
<th>Unit Size</th>
<th>Part A</th>
<th>Part B</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 liter</td>
<td>24.8 kg</td>
<td>4.2 kg</td>
</tr>
<tr>
<td>5 US gal</td>
<td>56 lb</td>
<td>8.4 lb</td>
</tr>
</tbody>
</table>

### STORAGE

| Shelf Life | 12 months minimum at 77°F (25°C). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition. |

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 law) any loss or damage arising out of the use of the product. 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.

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