

## Floorcote Epoxy Sealer

|   |   |                           |                           |                             |       |
|---|---|---------------------------|---------------------------|-----------------------------|-------|
| <b>Product Description</b>  | <b>A water based, two pack epoxy</b> clear primer for floors.   |                           |                           |                             |       |
| <b>Features &amp; Use</b>   | <ul style="list-style-type: none"> <li>• Bonds strongly to concrete, cement and prepared floor areas, including damp surfaces</li> <li>• Excellent alkali resistance</li> <li>• Use for the priming of new and damp concrete flooring areas prior to main coating</li> <li>• Can be used as a clear floor primer in food factories, breweries, electronic plants, farm buildings, schools and hospitals, where solvent vapours may interfere with products and processes</li> </ul> |                           |                           |                             |       |
| <b>Approvals/ Certification</b>   | Please consult Axalta Coating Systems   |                           |                           |                             |       |
| <b>Finish</b>   | Semi-gloss  |                           |                           |                             |       |
| <b>Volume Solids</b>  | 45 ± 2%   |                           |                           |                             |       |
| <b>VOC Content</b>  | 0 g/litre   |                           |                           |                             |       |
| <b>Film Thickness Range And Coverage</b>  |   | <b>Dry Film Thickness</b> | <b>Wet Film Thickness</b> | <b>Theoretical Coverage</b> |       |
|   | <b>Typical</b>  | 35 µm                     | 78 µm                     | 12.8 m <sup>2</sup> /litre  |       |
| Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated |   |                           |                           |                             |       |
| <b>Drying Times</b>   | Applied to 35 microns DFT   | <b>+10°C</b>              | <b>+23°C</b>              | <b>+35°C</b>                |       |
|   | <b>Dust Free</b>  | 5 hr                      | 3 hr                      | 2 hr                        |       |
|   | <b>Hard Dry</b>   | 10 hr                     | 8 hr                      | 6 hr                        |       |
|   | <b>Full Cure</b>  | 10 days                   | 7 days                    | 5 days                      |       |
|   | <b>Overcoating</b>  | Minimum                   | 24 hr                     | 20 hr                       | 16 hr |
|   |   | Maximum                   | 48 hr                     | 36 hr                       | 24 hr |
| Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation       |   |                           |                           |                             |       |
| <b>Colours</b>  | Clear   |                           |                           |                             |       |
| <b>Mix Ratio/ Product Code</b>  | Base  | <b>09FES-BASE</b>         | 1 part by volume          |                             |       |
|   | Hardener  | <b>09FES-ACT</b>          | 4 part by volume          |                             |       |
| <b>Pot Life</b>   | 1½ hours at 23°C  |                           |                           |                             |       |
| <b>SG</b>   | 1.05 kg/lt mixed  |                           |                           |                             |       |
| <b>Storage Conditions</b>   | Store in dry, cool conditions and protect from frost  |                           |                           |                             |       |
| <b>Shelf Life</b>   | Minimum 12 months if stored as above in unopened containers   |                           |                           |                             |       |
| <b>Flash Point</b>  | Above 60°C  |                           |                           |                             |       |

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| <p><b>Surface Preparation</b></p>    | <ul style="list-style-type: none"> <li>All surfaces must be clean and free from grease, oil, laitance, dust and other contamination</li> <li><b>Bare concrete:</b> remove dirt and contamination by detergent washing, flame cleaning or other appropriate means. For the best long term coating life, laitance should be removed by vacuum blast cleaning (recommended), power grinding or acid etching. If acid etching, more than one application may be required to produce a granular surface suitable for good adhesion. Vacuum blast cleaning should produce a surface profile appropriate to the thickness of the coating being applied. If laitance is not removed, it can detach in service along with the coating, leaving patchy areas of bare concrete</li> <li><b>Steel Floors:</b> consult Axalta Coating Systems</li> </ul>  |                    |               |                    |       |        |  |    |    |     |     |
|--------------------------------------|--|--------------------|---------------|--------------------|-------|--------|--|----|----|-----|-----|
| <p><b>Mixing</b></p>                 | <p>Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator. Agitate periodically during use to ensure product remains homogeneous.</p>  |                    |               |                    |       |        |  |    |    |     |     |
| <p><b>Thinner / Cleaner</b></p>      | <p>Clean Water</p>   |                    |               |                    |       |        |  |    |    |     |     |
| <p><b>Application Conditions</b></p> | <ul style="list-style-type: none"> <li>The concrete surface must be dry and at least 12 weeks old. The moisture content of the concrete should not exceed 6% when measured 25mm below the surface (with e.g. a Protimeter measuring in 25mm drilled holes filled with gel), or 14% when measured with a surface moisture gauge (such as a Protimeter WME (Wood Moisture Equivalent) gauge).</li> <li>Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the substrate temperature should remain at least 3°C above the dew point. Only apply this product when the above conditions can be maintained throughout the critical application and drying/curing process. Paint temperature should ideally be at a minimum of 15°C.</li> </ul> |                    |               |                    |       |        |  |    |    |     |     |
| <p><b>Application Methods</b></p>    | <table border="1" data-bbox="451 1115 1489 1220"> <thead> <tr> <th>Method</th> <th>Airless Spray</th> <th>Conventional Spray</th> <th>Brush</th> <th>Roller</th> </tr> </thead> <tbody> <tr> <td></td> <td>No</td> <td>No</td> <td>Yes</td> <td>Yes</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Designed for brush or roller application. A short pile head is recommended for rolling</li> <li>Refer to Axalta Coating Systems '<b>Epoxy Application and Curing Notes</b>'</li> </ul>   | Method             | Airless Spray | Conventional Spray | Brush | Roller |  | No | No | Yes | Yes |
| Method                               | Airless Spray  | Conventional Spray | Brush         | Roller             |       |        |  |    |    |     |     |
|                                      | No   | No                 | Yes           | Yes                |       |        |  |    |    |     |     |
| <p><b>Product Notes</b></p>          | <ul style="list-style-type: none"> <li>Prime bare concrete areas by thinning the first coat with up to 15-20% of clean water if required to aid penetration</li> <li>Floorcote Epoxy Sealer should be overcoated with a Floorcote water based or solvent based finish after 24 hours. If no topcoat is to be applied, please consult Axalta Coating Systems for advice</li> <li>Do not apply or cure below 7°C; temperatures above 10°C are recommended and above 15°C is preferred</li> <li>Like all epoxy coatings, this product will chalk on prolonged exterior exposure, the degree of which is subject to atmospheric conditions</li> </ul>  |                    |               |                    |       |        |  |    |    |     |     |
| <p><b>Health &amp; Safety</b></p>    | <p>Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.</p>   |                    |               |                    |       |        |  |    |    |     |     |

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