

# ELIOVER 012 DYS

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Technical Data Sheet No. 1409931420

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| <b>Denomination</b>                                  | <b>ELIOVER 012 DYS</b>   |
| <b>Description</b>                                   | Epoxy Enamel   |
| <b>Product Details</b>                               | Non-yellowing two-pack epoxy enamel enamel with very low solvent content. Easy to apply, it is recommended for covering masonry surfaces where a seamless "porcelain" effect and high chemical-physical resistance are desired. Particularly suitable for sanitary facilities, scientific laboratories, operating theaters, nurseries, etc. It does not retain dirt.   |
| <b>VOC Classification<br/>(Directive 2004/42/EC)</b> | Two-Pack Reactive Coatings for Specific End-Uses (ie. Floors).<br>EU limit value for this product (cat. A/J): 500 g/l (2010)<br>This product contains max. 500 g/l VOC   |
| <b>Surface Preparation &amp;<br/>Application</b>     | <b>NEW CONCRETE SUBSTRATES</b><br>Sandblasting (White Metal) Grade Sa 3 (according to Svedish Standard SIS 055900/1967).<br>Accurate dusting.<br>Application of a coat of Elover 011 water-based epoxy primer.<br><b>PAINTED CONCRETE SUBSTRATES</b><br>Removal of any chalky or poorly anchored parts.<br>Possible filling or restoration of the affected areas.<br>Application of Elover 011 water-based epoxy primer. |
| <b>Practical Advices</b>                             | Mixing Ratio: 72,5 parts Base & 27,5 parts Hardener<br>Product Preparation: Add the hardener to the base and mix thoroughly.<br>Room Temperature: Min. 10°C / Max. 35°C<br>Relative Humidity: Min. 35% / Max. 85%<br>Substrate Conditions: Dry   |
| <b>Available Sizes</b>                               | 3 Kg (Base + Hardener)   |
| <b>Storage</b>                                       | <ul style="list-style-type: none"><li>• Keep container tightly closed in a dry, cool place.</li><li>• Storage Temperature: up to 5°C / below 35°C.</li><li>• Shelf Life: 12 months under optimal temperature and R.H. conditions.</li></ul>  |
| <b>Safety Standards</b>                              | <b>Product labeled according to Regulation 1272/2008 (CLP).</b><br>For further information, reference should be made to the related Material Safety Data Sheet. Empty containers or containers with slight film traces of dried residual product must be disposed of in accordance with local requirements.  |

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| Technical Features  | Laboratory Data @ 20°C, 65% R.H.       |
|---|--|
| Vehicle Type  | Epoxy Polyamide System                 |
| Specific Weight<br>(Mixed Base + Hardener)                      | 1.330 ÷ 1.350 gr/liter                 |
| % Solids  | By Weight: 99,7 %<br>By Volume: 99,5 % |
| Color   | White & Tints (available upon request) |
| Viscosity<br>Ford Cup No. 4 at 20°C                             | 107 seconds ± 10                       |
| Flash Point<br>(Mixed Base + Hardener)                          | None                                   |
| Components  | Two                                    |
| Dilution (V/V) – Roller / Brush                                 | Ready-to-Use                           |
| Thin With   | Ethyl Alcohol (for tools cleaning)     |
| Tools   | Brush; Roller                          |
| Dry Film Total Thickness<br>(Contrast Ratio: Hp ≥ 98)           | 250 microns                            |
| Pot-Life  | Max. 35 ÷ 45 minutes                   |
| Coverage at Recommended Film Thickness                          | 3 m <sup>2</sup> /Kg                   |
| Dry to Touch  | 24 hours                               |
| Dry to Handle   | 6 days                                 |
| Dry to Recoat   | Min. 24 hours – Max. 72 hours          |
| Dry Film Appearance<br>Specular Gloss @ 60°                     | Semigloss<br>< 60 - ≥ 30 gloss         |
| Resistance to Rural, Light Industrial or Marine<br>Environments | Excellent                              |
| Temperature Resistance  | + 70°C                                 |
| Abrasion Resistance   | Excellent                              |
| Adherence   | Excellent                              |
| Impact Resistance   | Good                                   |
| Elasticity  | Low                                    |
| Acid Resistance - Splashes & Vapors                             | Excellent                              |
| Alkali Resistance - Immersion                                   | Excellent                              |
| Solvent Resistance - Splashes & Vapors                          | Mid-Low (poor on prolonged contact)    |
| Resistance to Fresh and Sea Water                               | Excellent                              |

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