

## PU 5900 TOP COAT

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| Description           | Elastic, two-component polyurethane topcoat, aliphatic, with anti-scratch properties, for interior-exterior cement floors and concrete surfaces. Characterized by high mechanical and chemical resistance, high elasticity, high adhesion even on non-porous surfaces, smooth tough-elastic surface, resistance to external weather conditions and UV radiation and shades stability. It increases significantly resistance to abrasion, wear, scratches and general resistance to mechanical stresses.<br>Ideal as a protection coating for forged cement, polyurethane flooring systems, cement pools, fountains, metallic and cement surface, stone and polyester.                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Technical Information | Shade<br>Gloss<br>Solids<br>Mixing Ratio<br>Pot Life<br>Specific Weight<br>Theoretical coverage<br><br>VOC*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Transparent, white – Any shade after request<br>Mat (clear varnish and pigmented) – glossy (clear varnish)<br>(A+B) 55-60% by volume<br>A:B –2:1 by weight (transparent A:B –2.5:2 by weight)<br>1 hr (20°C)<br>1-1,26 kg/lit (EN ISO 2811)<br>7-8 m²/kg/75µm<br>0,20-0,25 kg/m² as floor marking<br>Ready for use max (+5% thinner): 495 g/lit<br>EU LIMITS (2010): 500 g/lit<br>SUBCATEGORY j – two pack reactive performance coatings, type SB |
| Drying Time (25°C)    | Drying<br>Walkability<br>Full drying                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6-8 hrs<br>24-48 hrs<br>7 days<br><br><i>(The above times are indicative and depend on the thinning percentage, relative humidity and temperature)</i>                                                                                                                                                                                                                                                                                            |
| Surface Preparation   | The surface must be completely dry and free from materials that prevent bonding such as loose pieces, dust, oil, grease, etc. For application in polyurethane floors, please refer to the technical data sheets (Please pay attention to recoating times). For direct application on concrete surfaces, it is necessary to prepare the substrate using either the 2-component floor epoxy primer 850 or the solvent-free epoxy primer 860 to ensure adhesion.                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Method    | Mix well A:B-2:1 by weight (in the transparent A:B–2.5:2 by weight) (about 2-3 minutes) until the mixture becomes homogeneous. Apply in one layer crosswise with a brush or roller with a dilution rate of 0-10% with solvent. During the drying procedure, adequate ventilation is required in order to avoid problems like sticky surface and larger drying times.<br><br>Suggested film thickness      50-100 µm<br>Application temperature      10–30°C<br>Suggested thinners              1115-2540<br>The choice of suitable thinner depends on the application method, the temperature and the humidity conditions. For the suitable choice, please contact with the technical department of our company.<br>Relative Humidity              <70%<br>Clean tools immediately after use with the recommended solvents |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage               | Up to 12 months in a dry and cool place in the original containers (5-30°C). After use, close immediately the container tight.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Safety                | Please consult the Material Safety Data Sheet. Available upon request.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

This Technical Data Sheet replaces and cancels every previously issued. The information, instructions, recommendations and specifications mentioned in this data sheet, represent the results and experience obtained from testing under controlled or specially adapted conditions. The accuracy and relevance of these results to the actual conditions, in which you apply the product, must be determined and depend only on the purchaser and/or applicator.