



| Datum     | artikelnummer   |
|-----------|-----------------|
| 6/12/2021 | 401011 / 401025 |

## Cuore PSL 4700

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|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------|-----------|--------------------|----------------------------|--------|------------------------------|---------|---------------------------------|--------|------------------------|-----------|
| <b>Composition</b>                      | <b>Cuore PSL 4700</b> is a 2-component, solvent free, self- leveling polyurethane with good light fast properties.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Application</b>                      | <b>Cuore PSL 4700</b> is applied as a seamless, wear resistant floor finish for several application areas. Examples of application areas are: education, healthcare, residences, offices and public buildings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Technical properties</b>             | <table><tr><td>Density Resin + Hardener</td><td>1500 kg/m<sup>3</sup> (depending on color)</td></tr><tr><td>Viscosity</td><td>3500 mPa.s (± 500)</td></tr><tr><td>Shore hardness (DIN 53505)</td><td>~ D 60</td></tr><tr><td>Tensile strength (DIN 53455)</td><td>~ 9 MPa</td></tr><tr><td>Elongation at break (DIN 53455)</td><td>~ 140%</td></tr><tr><td>Angle tear (DIN 53515)</td><td>~ 43 N/mm</td></tr></table>                                                                                                                                                                                                                                                          | Density Resin + Hardener | 1500 kg/m <sup>3</sup> (depending on color) | Viscosity | 3500 mPa.s (± 500) | Shore hardness (DIN 53505) | ~ D 60 | Tensile strength (DIN 53455) | ~ 9 MPa | Elongation at break (DIN 53455) | ~ 140% | Angle tear (DIN 53515) | ~ 43 N/mm |
| Density Resin + Hardener                | 1500 kg/m <sup>3</sup> (depending on color)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| Viscosity                               | 3500 mPa.s (± 500)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| Shore hardness (DIN 53505)              | ~ D 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| Tensile strength (DIN 53455)            | ~ 9 MPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| Elongation at break (DIN 53455)         | ~ 140%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| Angle tear (DIN 53515)                  | ~ 43 N/mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Pre-treatment substrate</b>          | <p>To ensure a permanent bonding of a synthetic finish, a correct pre-treatment of the substrate is necessary. In general it is assumed that all substrates to be finished must be free of grease, oil, dirt, moisture and other contaminations that may influence the adhesion with the substrate in a negative way. This applies to both existing and new substrates.</p> <p>Before the <b>Cuore PSL 4700</b> is applied, the substrate needs to be fitted with a primer from the Cuore range. On concrete floors and sand cementitious screeds, <b>Cuore EP 1300</b> can be applied as a primer.</p> <p>A manual about substrate pre-treatment is available on request.</p> |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Consumption</b>                      | The consumption is approx. 1,5 kg/m <sup>2</sup> per mm layer thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Mixing ratio</b>                     | 80 Parts by weight Resin 704350<br>20 Parts by weight Hardener 904350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Temperature substrate</b>            | min. 10 °C and max. 30 °C.<br><br>The temperature of the substrate must be at least 3 °C above the dew point.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Relative humidity</b>                | min. 30 % and max. 80 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Application temperature</b>          | min. 10 °C and max. 30 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Application temperature material</b> | min. 15 °C and max. 25 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |
| <b>Mixing procedure</b>                 | 1) Open the container with the resin and mix the material till it is homogenous.<br><br>2) Open the container with the hardener and add the hardener to the resin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                                             |           |                    |                            |        |                              |         |                                 |        |                        |           |

Onze adviezen met betrekking tot de technische toepassing in woord, geschrift of door middel van proeven, worden naar beste weten verstrekt, doch gelden slechts als vrijblijvende aanwijzingen, ook ten aanzien van eventueel beschermende rechten van derden. Zij ontslaan u niet van de verplichting, de door ons geleverde producten op hun geschiktheid voor de beoogde procedures en doeleinden te controleren. Toepassing, gebruik en verwerking van de producten vinden plaats buiten onze controlemogelijkheden. Zij vallen derhalve onder uw eigen verantwoordelijkheid. In geval van eigen aansprakelijkheid blijft deze, voor alle schadegevallen, beperkt tot de waarde van de door ons geleverde en door u gebruikte goederen. Vanzelfsprekend garanderen wij u de goede kwaliteit van onze producten, e.e.a. volgens de in onze algemene verkoop- en leveringsvoorwaarden genoemde maatstaven.

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|                            | <p>3) Mix both components mechanically about 2 minutes till a homogenous mixture is formed.</p> <p>A well- mixed material is uniform in color without containing clear or dark spots.</p> <p>4) To avoid mixing errors or unmixed residue; pour the mixed material into a clean and empty container and mix again for a short time. Never use unmixed residue of the material.</p>                                                                                                                                                                                                                                                                                                   |
| Application time           | <p>The application time of the <b>Cuore PSL 4700</b> at 20 °C is about 15 to 20 minutes.</p> <p><b>Note:</b> At a temperature rise of 10 °C the application time will reduce by half.</p> <p>At a temperature reduction of 10 °C the application time will double.</p>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Drying and curing          | <p>The drying and curing times of the <b>Cuore PSL 4700</b>, at a layer thickness of 2 mm are as follows:</p> <ul style="list-style-type: none"> <li>- re-coatable : after 16 hours and a maximum within 48 hours at 20 °C</li> <li>- fully cured : after 7 days at 20 °C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                 |
| Colour - structure - gloss | On request from RAL/NCS - smooth - gloss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Packaging                  | 11 kg and 25 kg set packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Precautions                | <p>It is important that applicable requirements for working with synthetics are adhered to.</p> <p>It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When processing <b>Cuore PSL 4700</b>, especially in small, enclosed spaces, it is recommended to ventilate very well.</p>                                                                                                                                                                                                                                                                                                                                |
| Tools                      | <p><b>Cuore PSL 4700</b> can be applied with:</p> <ul style="list-style-type: none"> <li>- straight or toothed trowel</li> <li>- Swedish knife</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tool cleaning              | Used tools can be cleaned with Cuore Tool Cleaner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Shelf life                 | <p>In the original, unopened packaging, stored in a dry place between 5 °C and 25 °C, <b>Cuore PSL 4700</b> has a shelf life of 12 months minimum.</p> <p><b>Note:</b> <b>Cuore PSL 4700</b> may not be stored or exposed to temperatures beneath 5 °C.</p> <p><b>Note:</b> in time, a form of separation may occur. It is necessary to mix up the material to a 100% smooth, homogenous mass before the B component is added. When in doubt about the homogeneity and / or fineness, we advise to first pass the material through a sieve before further use. If the material can no longer be mixed up to a homogeneous, smooth mass, you can contact <b>Cuore</b> for advice.</p> |



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**Cuore PSL 4700** may only be applied by trained and professional installers.

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