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6/12/2021	506003

Cuore SPT 5000 TM

Composition	Cuore SPT 5000 TM is a transparent, 1-component, solvent free, lightfast, polyurethane coating.								
Application	Cuore SPT 5000 TM is applied as finishing layer of several epoxy and polyurethane systems. Examples of application areas are: education, healthcare, residences, offices and public buildings, warehouses, logistic areas and production areas.								
Technical properties	<table> <tr> <td>Density Resin</td> <td>1170 kg/m³</td> </tr> <tr> <td>Wear resistance (Taber)</td> <td>30 mg</td> </tr> <tr> <td>ASTM D4060 CS 17 1000/1kg</td> <td></td> </tr> <tr> <td>Slip resistance EN 7909</td> <td>≥ 0,30 μ</td> </tr> </table>	Density Resin	1170 kg/m ³	Wear resistance (Taber)	30 mg	ASTM D4060 CS 17 1000/1kg		Slip resistance EN 7909	≥ 0,30 μ
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Slip resistance EN 7909	≥ 0,30 μ								
Pre-treatment substrate	<p>Cuore SPT 5000 TM can be applied on several epoxy and polyurethane systems without extra pre-treatment. The time between the application of the system and the</p> <p>Cuore SPT 5000 TM may not exceed the maximum of 48 hours.</p>								
Consumption	The consumption is approx. 100 grams/m ² per layer.								
Temperature substrate	<p>min. 10 °C and max. 30 °C.</p> <p>The temperature of the substrate must be at least 3 °C above the dew point.</p>								
Relative humidity	min. 40 % and max. 80 %								
Application temperature	min. 10 °C and max. 30 °C								
Application temperature material	min. 15 °C and max. 25 °C								
Mixing procedure	Open the can and mix the material till it is homogenous.								
Application time	<p>An application time of the Cuore SPT 5000 TM is not applicable because it is a 1-component material.</p> <p>Note: Because of the reaction of the material with air(humidity) after opening the container, a skin may be formed on top of the material. This skin can be removed and after mixing to a homogenous mass, the material will be ready to use again.</p> <p>When the container has been left open too long or when a relevant amount of material has already been used, before the tin is closed again, the reaction with air(humidity) will proceed which causes the material to become useless.</p>								



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Drying and curing

The drying and curing times of the **Cuore SPT 5000 TM**, at a consumption of 100 grams/m² are as follows:

- re-coatable : after 24 hours and max. within 48 hours at 20 °C and 50% RH
- fully cured : after 7 days at 20 °C and 50% RH

Colour - structure - gloss

Transparant - smooth – silk mat

Packaging

2,5 kg packaging

Chemical resistance

Resistant against the most common chemicals. A chemical resistance list is available on request.

NOTE: the product is sensitive to discolouration under the influence of plasticizers, for example in car tires.

Precautions

It is important that applicable requirements for working with synthetics are adhered to.

It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When processing **Cuore SPT 5000 TM**, especially in small, enclosed spaces, it is recommended to ventilate very well.

Tools

Cuore SPT 5000 TM can be applied with:

- roller

Tool cleaning

Used tools can be cleaned with **Cuore Tool Cleaner**.

Shelf life

In the original, unopened packaging, stored in a dry place between 5°C and 25 °C, **Cuore SPT 5000 TM** has a shelf life of 4 months maximum.

Note: **Cuore SPT 5000 TM** may not be stored or exposed to temperatures beneath 5 °C.

Note: in time, a form of separation may occur. It is necessary to mix up the material to a 100% smooth, homogenous mass.. 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 **Cuore** for advice.

Attention

Cuore SPT 5000 TM may only be applied by trained and professional installers.