

SPHERE8 DIAMONDSPIHERE GRIP 2K

Composition	Sphere8 DiamondSphere Grip 2K is a transparent, 2-component, solvent free, lightfast, polyurethane coating with non-skid properties.	
Application	Sphere8 DiamondSphere Grip 2K is applied as finishing layer of several epoxy and polyurethane systems. Projects include but are not limited to: education, healthcare, private residences, offices, public buildings, warehouses, logistic and production areas.	
Technical properties	Density Resin	1170 kg/m ³
	Wear resistance (Taber) ASTM D4060 CS 17 1000/1 kg	34 mg
	Slip resistance EN 7909	≥ 0,30 μ
Pre-treatment substrate	Sphere8 DiamondSphere Grip 2K can be applied on several epoxy and polyurethane systems without extra pre-treatment. The time between the application of the system and the Sphere8 DiamondSphere Grip 2K may not exceed the maximum of 48 hours.	
Consumption	The consumption is approx. 100 grams/m ² per layer.	
Mixing ratio	91,2 8,8	Parts by weight Resin (703285) Parts by weight Hardener (903200)
Temperature substrate	min. 10 °C and max. 30 °C. The temperature of the substrate must be at least 3 °C above the dew point.	
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	<ol style="list-style-type: none"> 1) Open the container with the resin and mix until it is homogenous. 2) Open the container with the hardener and add to the resin. 3) Mix both components mechanically for 2 minutes until a homogenous mixture is formed. <p>A well-mixed material is uniform in colour without light or dark spots.</p> <ol style="list-style-type: none"> 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. 	
Application time	The application time of the Sphere8 DiamondSphere Grip 2K at 20 °C is about 20 to 25 minutes. Note: after mixing the resin and hardener components, the mixture can be kept for approx. 1 week.	
Drying and curing	The drying and curing times of the Sphere8 DiamondSphere Grip 2K, at a consumption of 100 grams/m ² are as follows: <ul style="list-style-type: none"> - recoatable : 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	Transparent – non-skid – silk mat	
Packaging	2,5 kg and 10 kg packaging	
Chemical resistance	Resistant against the most common chemicals. A chemical resistance list is available on request. Note: the product is sensitive to discoloration under the influence of plasticizers, for example in car tires.	
Precautions	It is important to adhere to certain requirements when working with synthetic resins. It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When processing Sphere8 DiamondSphere Grip 2K, especially in small, enclosed spaces, sufficient ventilation is recommended.	
Tools	Sphere8 DiamondSphere Grip 2K can be applied with: <ul style="list-style-type: none"> - roller 	



REDEFINING SPACE

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Tool cleaning	Used tools can be cleaned with Sphere8 Acetone.
Shelf life	<p>In the original, unopened packaging, stored in a dry place between 5 °C and 25 °C, Sphere8 DiamondSphere Grip 2K has a shelf life of at least 8 months.</p> <p>Note: Sphere8 DiamondSphere Grip 2K may not be stored or exposed to temperatures beneath 5 °C.</p> <p>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 Sphere8 for advice.</p>

Our recommendations concerning the technical application of the product, whether through oral or written communication or through demonstration, are given to the best of our current knowledge; however, any such instruction shall be without commitment, including where any protective rights of third parties are involved. They do not free you of the obligation to check the products supplied by us for their suitability for the procedures and applications envisaged. The (intended) use and application of the products are beyond our control. They are therefore your personal responsibility. In the event that Sphere8 proves liable, such liability shall be limited in all cases of damage to a sum not exceeding the actual value of the goods supplied by us and used by you. It goes without saying that we guarantee the good quality of our products, in accordance with the standards set out in our General Terms of Sale and Delivery.