

### SPHERE8 DIAMONDSPIHERE GRIP

Composition	Sphere8 DiamondSphere Grip is a transparent, 1-component, solvent free, lightfast, polyurethane coating.	
Application	Sphere8 DiamondSphere Grip is applied as a finishing layer for several epoxy and polyurethane systems. Projects include but are not limited to: schools, hospitals and healthcare services, private residences, offices, and public buildings.	
Technical properties	Density Resin	1170 kg/m <sup>3</sup>
	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 can be applied on several epoxy and polyurethane systems without additional pre-treatment. The time between the application of the system and the Sphere8 DiamondSphere Grip must not exceed 48 hours.	
Consumption	The consumption is approx. 100 grams/m <sup>2</sup> per layer.	
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	Open the can and mix the material until it is homogenous.	
Application time	An application time of the Sphere8 DiamondSphere Grip is not applicable because it is a 1-component material. <b>Note:</b> Sphere8 DiamondSphere Grip reacts with the air (due to its humidity), and so once the container is opened, a skin may form. Before using the material again, remove the skin, and mix the material until a homogenous mass is formed. If the container has been left open for an extended period of time, the material will continue to react, causing it to become unusable.	
Drying and curing	The drying and curing times of the Sphere8 DiamondSphere Grip, at a consumption of 100 grams/m <sup>2</sup> are as follows: - 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 – glossy	
Packaging	2,5 kg packaging	
Chemical resistance	Resistant against the most common chemicals. A chemical resistance list is available on request. <b>Note:</b> the product is sensitive to discolouration 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 especially in small, enclosed spaces, sufficient ventilation is recommended.	
Tools	Sphere8 DiamondSphere Grip can be applied with: - roller	
Tool cleaning	Used tools can be cleaned with Sphere8 Acetone.	
Shelf life	In the original, unopened packaging, stored in a dry place between 5 °C and 25 °C, Sphere8 DiamondSphere Grip has a shelf life of at least 4 months. <b>Note:</b> Sphere8 DiamondSphere Grip may not be stored or exposed to temperatures beneath 5 °C.	

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.



REDEFINING SPACE

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**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.

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