



REDEFINING SPACE

SPHERE8 SEAL COAT WB UV+ CLEAR

Composition	Sphere8 Seal Coat WB UV+ Clear is a transparent, 2-component, water based, light fast, polyurethane coating.	
Application	Sphere8 Seal Coat WB UV+ Clear is applied as a finishing layer of several polyurethane systems. Examples of projects include: education, healthcare, residences, offices and public buildings.	
Technical properties	Density Resin + Hardener	1060 kg/m ³
	Wear resistance (Taber) ASTM D4060 CS 17 1000/1 kg	48 mg
	Slip resistance EN 7909	≥ 0,30 µ
Pre-treatment substrate	Sphere8 Seal Coat WB UV+ Clear can be applied on several polyurethane systems without extra pre-treatment. The time between the application of the system and the Sphere8 Seal Coat WB UV+ Clear may not exceed a maximum of 48 hours.	
Consumption	The consumption is approx. 100 grams/m ² per layer. Application in 2 layers is advised.	
Mixing ratio	90 10	Parts by weight Resin (702176) Parts by weight Hardener (902176)
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. 30% and max. 70%	
Application temperature	min. 10°C and max. 30°C	
Application temperature material	min. 15°C and max. 25°C	
Mixing procedure	1) Shake the jerrycan with the resin until the content is homogenous. Then open it. 2) Open the flask with the hardener. 3) Pour the resin from the can into a clean, dry bucket. 4) Add the hardener to the resin, whilst mixing with a slow speed electric drill and paddle. 5) Mix both components mechanically for about 2 minutes until a homogenous mixture is formed. A well-mixed material is uniform in colour without light or dark spots. 6) To avoid mixing errors or unmixed residue; pour the mixture into a clean and empty container through a paint sieve and mix again for a short time. Never use unmixed residue of the material. 7) Before use, leave the mixture for about 10 minutes.	
Application time	The application time of the Sphere8 Seal Coat WB UV+ Clear at 20°C is about 45 minutes. Note: Visual as well as regarding the application, the end of the application time is not noticeable. Therefore, please keep in mind the 45 minutes to keep the technical properties of Sphere8 Seal Coat WB UV+ Clear optimized.	
Drying and curing	The drying and curing times of the Sphere8 Seal Coat WB UV+ Clear, at a consumption of 100 grams/m ² are as follows: - recoatable : after 3 hours and max. within 48 hours at 20 °C and 50% RH - fully cured : after 7 days at 20 °C and 50% RH Note: During the drying process, the RH may not exceed 80%!	
Colour - structure - gloss	Transparent - smooth – silk mat (gloss 25-30 GU at 85°)	
Packaging	5kg set packaging	
Chemical resistance	Resistant against the most common household 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 tyres, hair dye and strong pigments or colourants.	

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.



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Precautions	It is important to adhere to certain requirements when working with synthetics. It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When using Sphere8 Seal Coat WB UV+ Clear, especially in small and enclosed spaces, sufficient ventilation is recommended.
Tools	Sphere8 Seal Coat WB UV+ Clear must be applied with: - micro fibre 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 Seal Coat WB UV+ Clear has a typical shelf life of at least 12 months. Note: Sphere8 Seal Coat WB UV+ Clear should not be stored or exposed to temperatures below 5°C. Note: in time, a form of separation and sedimentation may occur. It is necessary to mix the material to a 100% smooth, homogenous mass before the B component is added. When in doubt about the homogeneity and / or smoothness, we advise to first pass the material through a sieve before further use. If the material can no longer be mixed to a homogeneous, smooth mass, you should contact Sphere8 for advice.

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