

weberfloor Spectro UV 1893 PUMA TC (3K) Color



Weberfloor Spectro UV 1893 PUMA TC (3K) Color is a three-component, UV-curable polymer that cures instantly under Spectro UV light. It can be applied at temperatures down to -40°C and provides a durable, crack-resistant finish.

Technical Data Sheet

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TECHNICAL DATA

Color	Clear/Color
Volume Solid	~ 100 %
Dry Film Thickness	1 mm
Consumption	Approx. 1.65 kg/m ² for 1mm
SG-Mix	Approx. 1.65 kg/m ³
Mixing ratio of multi-components products	Base : HRD 1 : HRD 2 = 18 : 1 : 1
Mohs Scale	4-6
Compressive Strength	> 70 N / mm ² (28 days) 10,150 psi
Adhesion Strength	>1.5 N / mm ² (concrete failure) or 300 psi (ASTM D- 4541)
Flexural Strength	>25 N / mm ² (28 days) or 3600 psi (ASTM C-580)
Abrasive Resistance	1000 g, 1000 cycles, 60 RPM Wear index = 12,2 mg
Shore D Hardness	81 (7 days) (ASTM D 2240/Shore D)
Tensile Strength	2000 psi (ASTM C – 307)
Chemical Resistance	<ul style="list-style-type: none">Gasoline : Petrol ExcellentAlcohols : Ketones ExcellentCaustic soda 30 % : ExcellentAmonia : ExcellentNitric Acid : ExcellentSulphuric acid : ExcellentAcetic acid : ExcellentOxidizing agents : ExcellentAmines : ExcellentPhosporic Acid : Excellent
To know before applying	Please make sure the substrate conditions frost-free floor.

Packaging

A : B : C = 18 : 1 : 1

Handling and Storage

The product must be stored in accordance with national regulations. **weberfloor Spectro UV 1893 PUMA TC (3K) Color** is photosensitive and must not be exposed to direct sunlight or full-spectrum fluorescent lighting. Storage conditions include keeping the containers

in a dry, cool, well-ventilated space away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care and stir well before use.

Shelf life

At least 12 months when stored cool and dry.

Substrate of Application

It serves as mortar for floor restoration in cold room areas without needing to turn off the chiller.

APPLICATION METHOD

1. Application

Primer Coat

- Use **weberfloor Spectro UV 1893 Puma TC (3K) Color** as primer without using filler

Top Coat

- weberfloor Spectro UV 1893 Puma TC (3K) Color** should be mixed using a low-speed electrical stirrer mixer.
- Firstly, quickly stir the Base before mixing.
- Mix one set of **weberfloor Spectro UV 1893 Puma TC (3K) Color** + weberfloor Filler for at least 2 minutes until the mixture is homogeneous.
- Pour the material onto the substrate and spread it using a toothed trowel.
- After 2 – 3 hours, start the curing process with Spectro. Following the curing process with Spectro, the area can be used immediately.
- The application of **weberfloor Spectro UV 1893 Puma TC (3K) Color** requires experts who have received training from weber.

Constraints / Pay attention

Keep away from heat, sparks, and open flames. Avoid breathing vapor on skin and eye contact. Keep the container closed and store it in a cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application, and drying to keep vapor concentration within safe limits and protect against toxic hazards. Necessary safety equipment must be used, and ventilation requirements should be carefully observed, especially in confined and enclosed spaces such as tank interiors and buildings.

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