

weberfloor EP 733 Macro Texture (2K) Color



weberfloor EP 733 Macro Texture (2K) Color is a two component thixotropic Polyamine cured epoxy specially made for sloping floors such as ramps without sagging.

Technical Data Sheet

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TECHNICAL DATA

Color	Available On Request, High Gloss
Volume Solid	Approx. 90% \pm 2 % by weight
Dry Film Thickness	300 microns – 1 mm
Consumption	Approx. 1.75 kg/m ² for 1 mm
Temperature resistance	93°C (dry)
Flash point	Base: 25°C; Hardener: 48°C
SG Mix	\pm 140 gr/cm ³
Compressive Strength	> 70 N / mm ² (28 days) 10.150 psi
Abrasive Resistance	500 g, 1000 cycles, 60 RPM Wear index : 12,2 mg (ASTM D-4060 CS-10 Wheel)
Shore D Hardness	67
Tensile Strength	2000 psi (ASTM C – 307)
Thinner	Not required
Cleaner/Cleaning Solvent	Weberfloor Thinner 007
Mixing ratio of multi-components products	Base : Hardener = 4 : 1 (by weight)
Drying time	Touch Dry : 25°C: 2 Hours 32°C: 1.5 Hours Through Dry : 25°C: 14 Hours 32°C: 6 Hours Final Cure : 25°C: 1 Days 32°C: 8 Hours
Overcoating Intervals	On temperature 25°C, Minimum 1 Day and Maximum 3 Months ; On temperature 32°C Minimum 1 Day
Pot Life	\pm 45 minutes
Chemical Resistance	Gasoline, Petrol: Excellent Alcohols, Ketones: Excellent Caustic soda 30 %: Excellent Amonia: Excellent Nitric Acid 10%: Very Good Sulphuric acid 10 %: Very Good Acetic acid 10 %: Very Good
Viscosity	6000-6300 cps

Handling and Storage

The product must be stored in accordance with national regulation. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from the source of heat and ignition. Containers must be kept tightly closed. Handle with care, stir well before use.

Shelf life

At least 12 months when stored cool and dry

APPLICATION METHOD

1. Substrate Application

- Unless specially water-reduced, the floor should be at least 28 days old and give a hygrometer reading not exceeding 80% RH and moisture content should be less than 5%.
- The temperature of the substrate must be at least 3°C above the current dew point temperature.
- Dry removal of laitance by light grit-blasting is preferable but, where this is not feasible, treat with Acid Etch, followed by thorough rinsing with water and complete drying.
- Dust and other debris should then be removed by vacuum brush.
- Mechanical surface preparation is recommended, such as metal grinding or diamond/resin pad abrasion.

New Concrete Floors

- Concrete must be at least 28 days old before applying weberfloor EP 733 Macro Texture.
- Remove laitance and surface deposits using light grit blasting or mechanical grinding. For small areas, acid etching may be considered.
- After etching, thoroughly rinse with clean water and allow the surface to dry completely.
- To ensure good adhesion all contamination should be removed, and the surface thoroughly cleaned of all dust and loose debris.

Old Concrete Floors

- Use mechanical methods for surface preparation, especially in areas contaminated with oil, grease, or existing coatings.
- Contaminants may have penetrated several millimeters into the substrate; complete removal is essential to ensure adhesion.
- Thoroughly clean the surface to eliminate dust and loose debris.

2. Mixing and Blending Process

- Add the entire contents of the hardener tin to the base and mix thoroughly for 3 minutes until a homogeneous mixture is achieved. Use a slow-speed drill (200-400 rpm) fitted with a suitable mixing paddle.

3. Application

Primer Coat

- After mixing, apply the primer immediately in a thin, continuous film to a clean, prepared surface.
- Work the material into the surface using a notched or metal trowel, to ensure even coverage.
- Avoid puddling or excessive build-up. On porous substrates, weberprim EP Hydro 5701 (2K)/weberprim EP 701 (2K) Clear/weberprim Hybrid 911 MT (2K) Light Grey Light Grey may absorb rapidly.

Top Coat

- After mixing, pour weberfloor EP 733 Macro Texture TC (2K) Color onto the primed surface and apply using a metal trowel or spreading blade.
- Deaerate the surface with a spiked roller.
- Protect the area from traffic, moisture, and other disturbances for at least 24 hours.

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Tools

Trowel/Roller

Constraints / Pay attention

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in a cool, ventilated area when not in use. Proper ventilation and pro-

ective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined and enclosed space, such as tank interior and building.

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