

# weberfloor EP Hydro 5713 TC (2K) Color



weberfloor EP Hydro 5713 TC (2K) Color is an environmentally friendly, two-component epoxy coating cured with water-based amine. It offers good abrasion resistance, strong adhesion, breathability, and moisture tolerance on concrete surfaces.

## Technical Data Sheet

Issued on : 2025 January 17

### TECHNICAL DATA

Color	Base on Request, High Gloss
Volume Solid	90%
Dry Film Thickness	1000 Microns
Consumption	16 kg/m <sup>2</sup> for 1000 microns
Pot Life	30 Minutes
SG-Mix	~ 1.3 gr/cm <sup>3</sup>
Viscosity	350
VOC Content	<10 gr/l
Application RH	30% to 80%
Mixing ratio of mul-ti-components products	Base : Hardener = 5 : 1
Drying time	Touch Dry : 25°C : 3 Hours 32°C : 2 Hours Through Dry : 25°C : 5 Hours 32°C : 3 Hours Full Cure : 25°C : 24 Hours 32°C : 24 Hours
Overcoating Intervals	On temperature 25°C, Minimum 4 Hours and Maximum 8 Hours ; On temperature 32°C, Minimum 3-4 Hours and Maximum 6 Hours
Adhesion Strength on Concrete	3.34 N/mm <sup>2</sup> (concrete failure) @7 Days 2.96 N/mm <sup>2</sup> (concrete failure) @28 Days
Hardness	82.5
Mohs Scale	350
Slip resistance	Product is classified into class P1
Hardness Shore D	82.5

### Packaging

Component A (Base) : 5 Kg  
Component B (Hardener) : 20 Kg

### Handling and Storage

The product must be stored in accordance with national regulations. Store the containers in a dry, cool, well-ventilated area away from heat and ignition sources. Keep containers tightly closed. Handle with care and stir well before use.

### Shelf life

At least 12 months when stored cool and dry

### Substrate of Application

weberfloor EP Hydro 5713 (2K) TC Color is suitable for use as a one-coat system or as a top coat after PU cement, such as weberfloor PU SL 2601 or 2613, or EP cement, such as weberfloor EP Moisture Barrier 2701 (Breathable System).

### Product advantages

- Moisture tolerant
- Self-smoothing
- Water-dilutable
- Odorless
- Low viscosity
- Enhances top coat adhesion
- Good chemical resistance
- Excellent abrasion resistance
- Easy to apply

### APPLICATION METHOD

#### 1. Substrate Preparation

- Proper surface preparation is essential for optimal performance.
- Concrete must be clean, dry, trowel-finished, and free from contaminants such as dirt, oil, and grease.
- The substrate must be structurally sound with a minimum compressive strength of 25 N/mm<sup>2</sup> and a pull-off strength of at least 1.5 N/mm<sup>2</sup>.
- 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 Hydro 5713 TC (2K) Color.
- 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.

#### SAINT-GOBAIN INDONESIA

Sequis Tower Level 15, Jl. Jend. Sudirman Kav. 71, RT.5/RW.3,  
Senayan, Kebayoran Baru, Jakarta Selatan 12190

Office: 021-27099600

Email: CS.Indonesia@saint-gobain.com

Website: mortartutama.com | LinkedIn: Saint-Gobain Indonesia

ISO 14001:2015 Certified



## Technical Data Sheet

Issued on : 2025 January 17

### 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, weber-floor EP Hydro 5701 (2K) Light Grey may absorb rapidly.

#### Top Coat

- After mixing, pour weberfloor EP Hydro 5713 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.

#### Constraints / Pay attention

Keep away from heat, sparks, and open flames. Avoid breathing vapors and contact with skin and eyes. Keep containers closed and store in a cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application, and drying to maintain safe vapor concentrations and protect against toxic hazards. Use necessary safety equipment and carefully observe ventilation requirements, especially in confined or enclosed spaces such as tank interiors and buildings.

#### SAINT-GOBAIN INDONESIA

Sequis Tower Level 15, Jl. Jend. Sudirman Kav. 71, RT.5/RW.3,  
Senayan, Kebayoran Baru, Jakarta Selatan 12190

Office: 021-27099600

Email: CS.Indonesia@saint-gobain.com

Website: mortartutama.com | LinkedIn: Saint-Gobain Indonesia

**ISO 14001:2015 Certified**