

weberfloor EP Hydro 5701 (2K) Light Grey



weberfloor EP Hydro 5701 (2K) Light Grey is a two-component, water-based amine-cured coating with excellent abrasion resistance and adhesion. It can be serves as both a primer and topcoat.

Technical Data Sheet

Issued on : 2025 January 17

TECHNICAL DATA

Color	Light Grey; Gloss
Volume Solid	80%
Dry Film Thickness	200
Consumption	0.3 Kg/m ² for 200 Microns
SG-Mix	1.3 gr/cm ³
Mixing ratio of mul-ti-components products	Base : Hardener = 1 : 1 (by weight)
Adhesion Strength on Concrete	3.40 N/mm ² (concrete failure) @7 Days 3.50 N/mm ² (concrete failure) @28 Days
Overcoating Intervals	On temperature 25°C, Min. Overnight and Max. 8 Hours ; On temperature 32°C Min. Overnight
Drying time	Touch Dry : 25°C : 6 Hours 32°C : 4 Hours Through Dry : 25°C : 8-10 Hours 32°C : 6-8 Hours
Pot Life	30 Minutes @32°C
VOC Content	<10 gr/l

Packaging

20 Kg/set
Component A : 10 Kg
Component B : 10 Kg

5 Kg/set
Component A : 5 Kg
Component B : 5 Kg

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

Product advantages

- Moisture tolerance
- Water dilutable
- Odorless

- Low viscosity
- Enhances top coat adhesion

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 30 N/mm² and a pull-off strength of at least 2.5 N/mm².
- Mechanical surface preparation is recommended, such as metal grinding or diamond/resin pad abrasion.

New Concrete Floors

- Concrete must be at least 14 days old before applying weberfloor EP Hydro 5701 (2K) Light Grey.
- 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

- 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

- Once mixed, the primer should be applied immediately as a thin, continuous film to the clean, prepared surface.
- Work the primer into the surface using a metal trowel, followed by a brush roller. Avoid excess application and puddling.
- On porous surfaces, weberfloor EP Hydro 5701 (2K) Light Grey may be absorbed rapidly. For applications with weberfloor EP 723 TC (2K), Hybrid 903 TC (2K), or ASP 103 TC (2K), allow the primer to dry for a minimum of 8 hours or overnight.

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

