

# weberfloor ASP 103 TC (2K) Color



weberfloor ASP 103 TC (2K) Color is a two-component, ultra-fast drying aliphatic polyaspartic coating. It can be used as a topcoat or standalone body coat, ensuring quick curing for minimal downtime. Suitable for driveways with a 12-hour return to service, it is non-yellowing, UV-stable, and ideal for both indoor and outdoor applications.

## Technical Data Sheet

Issued on : 2025 January 17

### TECHNICAL DATA

Color	Color, Gloss
Volume Solid	70% by weight
Dry Film Thickness	200 microns – 300 microns
Consumption	0.35 kg/m <sup>2</sup> for 200 microns
Pot Life	32°C : 25 minutes
SG-Mix	Est 1.50 gr/ml
Mixing ratio of multi-components products	Base : Hardener = 4:1 (by weight)
Drying time	Touch Dry : 25°C : 3 Hours 32°C : 2 Hours Through Dry : 25°C : 4-6 Hours 32°C : 3-4 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	2.44 N/mm <sup>2</sup> (concrete failure) @7 Days 2.61 N/mm <sup>2</sup> (concrete failure) @28 Days
Hardness	88.5
Slip resistance	Surface is classified into class P1

### Packaging

#### Packaging 20 Kg/Set

- Component A: 16 Kg
- Component B: 4 Kg
- **Packaging 5 Kg/Set**
- Component A: 4 Kg
- Component B: 1 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 ASP 103 TC (2K) Color is a versatile topcoat suitable for application over concrete, weberfloor PUC Series, or weberfloor EP Hybrid Series. It also functions as a bridging layer prior to applying the weberfloor Spectro UV System.

### Product advantages

- Solvent Less

- Moisture Tolerance
- Low Viscosity
- Improves the adhesion of Top Coat
- Good chemical resistant
- Excellent abrasion resistance
- UV - resistant for outdoor

### 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 Floor

- Concrete must be at least 28 days old before applying weberfloor ASP 103 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 component B to the component A and mix thoroughly for 3 minutes until homogeneous, using a slow speed drill (200-400 rpm) fitted with a suitable mixing paddle.

### 3. Application

#### Primer Application

- 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, weberfloor EP Hydro 5701 (2K)/weberprim EP 701 (2K) Clear/weberprim Hybrid 911 MT (2K) Light Grey Light Grey may absorb rapidly.

#### Top Coat Application

- After mixing, pour weberfloor ASP 103 TC (2K) Color onto the primed surface and apply using a metal trowel or spreading blade, followed by brush roller.
- Protect the area from traffic, moisture, and other disturbances for at least 24 hours.

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ISO 14001:2015 Certified



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### 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.

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