

# weberfloor ASP 1113 Cold Storage TC (2K) Color



This is a two-component aliphatic polycarbamide coating designed for cold storage floors. Suitable as a topcoat or standalone layer, it can be applied at temperatures from -5°C to -40°C. Once cured, it forms a smooth, glossy, abrasion-resistant finish.

## Technical Data Sheet

Issued on : 2025 January 17

### TECHNICAL DATA

Color	By Request ; Gloss	
Volume Solid	100%	
Dry Film Thickness	500 Microns to 1000 microns	
Consumption	~ 0.6 kg/m <sup>2</sup> for 500 microns	
SG-Mix	Approx. 1.2 gr/ml	
Mixing ratio of multi-components products	Base : Hardener = 2 : 1 (by weight)	
Drying time	Touch Dry	-5°C : 2 Hours
		-40°C : 30 Minutes
	Through Dry	-5°C : 5 Hours
		-40°C : 5 Hours
	Full Cure	-5°C : 24 Hours
		-40°C : 24 Hours
Pot Life	15 Minutes @ -5°C	
Chemical Resistance	<ul style="list-style-type: none"><li>Gasoline, Petrol : Excellent</li><li>Alcohols : Excellent</li><li>Calcium Hypochlorite 10%: Excellent</li><li>Ammoniac 10% : Excellent</li><li>Nitric Acid 10% : Very Good</li><li>Phosphoric acid 10% : Very Good</li><li>Sodium Hydroxide 10% : Very Good</li></ul>	

### Packaging

A : B = 3.33 Kgs : 1.67 Kgs

### Handling and Storage

The product must be stored in accordance with national regulations. 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

12 months if its store in a dry, cool, and enclosed room.

### Product advantages

- Solvent-Free
- Moisture Tolerant
- Low Viscosity
- Good Chemical Resistance
- Excellent Abrasion and Stain Resistance
- Low Odor
- Cures at Temperatures as Low as -5°C to -40°C

### APPLICATION METHOD

#### 1. New Concrete Floor: Substrate Preparation

- Thorough surface preparation is vital. Concrete should be clean, dry, and free of all contaminants such as dirt, oil, grease, etc.
- Additionally, the concrete should be structurally sound with a minimum compressive strength of 30 N/mm<sup>2</sup> and a minimum pull-off strength of 1.5 N/mm<sup>2</sup>.
- The concrete should be at least 14 days old before proceeding with the application of weberfloor ASP 1113 Cold Storage TC (2K) Color.
- Laitance and deposits on new concrete floors are best removed by light grit blasting or mechanical grinding.
- For best results, weber recommends mechanical preparation techniques, such as metal grinding or using diamond/resin pads.

#### 2. Old Concrete Floors: Substrate Preparation

- Mechanical cleaning methods are strongly recommended on old concrete floors, particularly where heavy contamination by oil and grease has occurred or existing coatings are present.
- These may well have been absorbed several millimeters deep into the concrete.
- To ensure good adhesion, all contamination should be removed several millimeters deep into the concrete, and the surface thoroughly cleaned of all dust and loose debris.

#### 3. New Concrete Floor: Application Method

##### Primer Coat

- Monolithic (one coat system)

##### Top Coat

- Apply the top coat of Weberfloor ASP 1113 Cold Storage TC (2K) Color using a low-speed electric mixer.
- Stir the base quickly before mixing. Mix one set of Weberfloor ASP 1113 Cold Storage TC (2K) Color for 1-2 minutes until homogeneous.
- Pour the material onto the substrate and spread it using a toothed trowel or spreading blade, then de-aerate with a spiked roller.
- Follow the application process as recommended for Weberfloor ASP 1113 Cold Storage TC (2K) Color.

#### 4. Old Concrete Floors: Application Method

##### Top Coat

- Apply the top coat of Weberfloor ASP 1113 Cold Storage TC (2K) Color using a low-speed electric mixer.
- Stir the base quickly before mixing. Mix one set of Weberfloor ASP 1113 Cold Storage TC (2K) Color for 1-2 minutes until homogeneous.
- Pour the material onto the substrate and spread it using a toothed trowel, spreading blade, or brush roller.

### Constraints / Pay attention

Keep away from heat, sparks, and open flames. Avoid breathing vapors and skin or 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 maintain vapor concentration within safe limits and protect

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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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