

High performance acrylic flooring primer

PRODUCT

weberfloor 4716 is a primer styrene acrylate dispersion which can be diluted with water and is intended for use prior to the application of screed and self leveling compounds (e.g. **weberfloor 535 FD**, **weberfloor easy 625**, **weberfloor 514 SL**, **weberfloor 630 TSC**, **weberfloor smooth FD**, **weberfloor 515 PSC**, etc...). It is used as a pore sealer on floor surfaces to prevent air bubbles rising through subsequently applied sub-floor smoothing and leveling compounds and to prolong their flow life and workability. It creates a permanent bond between the concrete substrate and cement-based overlays.

SCOPE OF USE

weberfloor 4716 is designed for use on a wide range of substrates:

- In-situ and pre-cast concrete
- Cementitious screed
- Lightweight concrete
- Timber

BENEFITS

- Does not contain ammonia
- It offers good alkali resistance and adhesion properties in both wet and dry environments
- Regulates the porosity of the substrates
- Improves the adhesion of flooring products
- Reduces the formation of pinholes in the leveling layer
- Can be spray applied for use on large areas

CHARACTERISTICS

Color	White
Consistency	Liquid
pH	7.5
Waiting time before application (depending on application rate, substrate and climate condition)	30 min to 3 hours
GEV-Emicode	EMICODE® EC1 ^{PLUS} very low emissions PLUS
Adhesion strength BS EN ISO 4624 : 2003	>6 N/mm ²

INSTRUCTIONS FOR USE

PREPARATION OF THE SUBSTRATE

The substrate should be at least 3 months old, clean and free from all dust and contamination, structurally stable and having a moisture content (CM) < 4%.

Moreover, it must be crack free, thus any crack must be repaired prior to the primer application. The prepared surface must have an average "surface tensile adhesion strength" greater than 1 Mpa and it has also to be



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
5 lit	5 lit	5 lit	5 lit	5 lit	5 lit	5 lit	5 lit
-	-	-	20 lit	20 lit	-	-	-

sound and coarse textured, ideally, mechanically prepared, using a grinding, shot blasting or even scarifying machine (depending on the concrete surface profile (CSP) required). Residual adhesives or other surface pollution must be removed by suitable means. We recommend cleaning the surface with an industrial vacuum cleaner.

PRODUCT PREPARATION

weberfloor 4716 should be strictly diluted with clean water using a graduated container, according to the substrate type and to the appropriate ratios mentioned in the consumption table.

Shake the product container before use then add it to the prepared water gradually and mix both component manually using a clean stick.

PRODUCT APPLICATION

Apply the primer evenly, using a brush or a small broom over the well prepared substrate.

Make sure to fully seal the substrate in order to ensure a proper and solid bond between the screed or self-leveling compound and the substrate, moreover, avoid the formation of the puddles in the applied primer layer.

The waiting time is from 30 minutes to 3 hours, depending on the substrate type, the humidity and the ventilation, however, waiting longer than 24 hours is not recommended. Once the primer has turned to a transparent thin film, apply the screed or the self-leveling compound.

CONSUMPTION

	Substrate type	
	Dry porous substrate	Dense substrate
Number of coats	2	1
Water dilution ratio (weberfloor 4716 : water)	1st coat: 1:5 2nd coat: 1:3	Single coat 1:3
Consumption (after water addition)	0.2 - 0.4 kg per m ²	0.15 kg per m ²
Coverage (after water addition)	1st coat Approx 75 to 150 m ² 2nd coat Approx 50 to 100 m ²	Approx 100 to 130 m ²

Note: the above mentioned consumption calculation is based on the 5 lit package.

CLEANING

Once dried, **weberfloor 4716** is difficult to remove so care should be taken to clean tools quickly using water before the primer dries.

STORAGE

12 months in concentrated form in dry, frost free conditions. If **weberfloor 4716** has been allowed to freeze it should not be used.

SAFETY PRECAUTIONS

Avoid prolonged contact with skin. Wear protective gear for hands & eyes. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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