

# weber euroflor prime

## High performance acrylic flooring primer



### PRODUCT

**weber euroflor prime** is a primer styrene acrylate dispersion which can be diluted with water and is intended for use prior to the application of **weber euroflor Design** and **weber euroflor Terrazzo**. It is used as a pore sealer on floor surfaces to prevent air bubbles rising through subsequently applied sub-floor layer and to prolong their flow life and workability. It also creates an excellent bond between the concrete substrate and the next overlay.

### SCOPE OF USE

**weber euroflor prime** is designed for internal and external application to bond:

- **weber euroflor Design**
- **weber euroflor Terrazzo**

### ADVANTAGES

- **Excellent bonding**
- **Prevents air bubbles**
- **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 sub-floor layer**
- **Can be spray applied for use on large areas**
- **Does not contain ammonia**

### CHARACTERISTICS

|  |   |
|--|---|
| Color  | White   |
| Consistency  | Liquid  |
| pH   | 7.5   |
| Waiting time before application<br>(depending on application rate,<br>substrate and climate condition) | 30 min to 3 hours                                   |
| GEV-Emicode  | EMICODE® EC 1 <sup>PLUS</sup><br>very low emissions |
| Adhesion strength  | >6 N/mm <sup>2</sup>                                |

### INSTRUCTIONS FOR USE

#### Surface Preparation

The substrate must be structurally stable, crack-free, permanently vibration-free and having a sufficient surface tensile strength. All surfaces should be clean, dry, and free from grease, laitance, oil, dust, paint, and any other substance that may prevent or reduce adhesion. Remove all weak, loose, smooth, or broken pieces of concrete until it reaches a sound rough concrete. This result can be achieved primarily by shot-blasting, otherwise by grinding. Depending on substrate conditions, any crack or deep ruptures must be repaired using **weberfloor epo level** and **weberep epo 412 cry plus**. Substrate moisture content should be at least 4%, additionally the surface tensile strength should be at least 1 N/mm<sup>2</sup> for light and medium traffic floor, 1.5 N/mm<sup>2</sup> for industrial floor (depending on the substrate application thickness, these figures could be achieved after approx. 28 days).

#### Product Preparation

**weber euroflor prime** should be strictly diluted with cool clean water using a graduated container, to the appropriate ratios. Shake the product container before use then add it to the prepared water gradually, then mix both components manually using a clean stick.

#### PRODUCT APPLICATION

The substrate must be vacuumed and primed with **weber euroflor prime**, using a soft brush or a roller. Priming the surface will adjust substrate absorbency and avoid the rising of air bubbles during the subsequent layers. For dry and porous substrate, apply **weber euroflor prime** in 2 coats, with water dilution at the ratio 1:1. Allow the first primer coat to dry to a clear film before applying the second layer. For porous substrates, a third coat might be required, depending on the substrate porosity.

Apply the primer evenly, using a brush or a roller, over the well prepared substrate. Make sure to fully seal the substrate, in order to ensure a proper and solid bond between the **weber euroflor Design/Terrazzo** and the substrate, moreover, avoid the formation of the puddles in the applied primer layer.

After applying **weber euroflor prime**, the waiting time should be 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 **weber euroflor Design** or **weber euroflor Terrazzo**.

#### CONSUMPTION

After diluting 1 pail of **weber euroflor prime** with clean water at the ratio of 1:1 (primer: water), the consumption is approx. 80 to 120 m<sup>2</sup> per 5 lit pail (depending on substrate absorption).

#### TOOLS AND CLEANING

**weber euroflor prime** is difficult to remove so care should be taken to clean tools quickly using water, before the primer dries.

#### PACKAGING AND SHELF-LIFE

- 5 lit plastic pail.
- Original packing is storable for 12 months in dry and controlled temperate areas (+10 to +35 °C).

#### 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.

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