

# weber euroflor protect

Odorless silicate based surface hardener



## PRODUCT

**weber euroflor protect** is an environmentally friendly, water vapor permeable, innovative silicate densifier sealer. It is designed to harden the substrate and to protect against penetrating moisture. Additionally, it also provides high protection against efflorescence and increases the chemical resistance and the surface abrasion.

## SCOPE OF USE

**weber euroflor protect** is designed:

- For indoor and outdoor use.
- To harden porous cementitious substrates.

## ADVANTAGES

- **Odorless sealer, based on Silicate-Technology**
- **Environmentally friendly**
- **VOC free**
- **Water vapor permeable**
- **Hardens the substrate**
- **Increases the chemical resistance**
- **Reduces surface abrasion**
- **Protects against efflorescence**

## CHARACTERISTICS

Density	1.1 g/cm <sup>3</sup>
Basis	Inorganic
pH-value	Aprox. 11
Application temperature	min. +5 °C max. +55 °C
Organic solvents	none
Maximum admitted air humidity	max. 80 % r.H.
Color	transparent
Viscosity	< 100 mPas
Necessary number of applications	min. of 2 applications

## INSTRUCTIONS FOR USE

### Surface Preparation

The substrate has to be absorbent, free of dust, loose parts, oils, fats and other impurities. Chalk and sandy components must be removed before the solidification using an efficient industrial vacuum cleaner. Any contamination should be stripped off.

## PRODUCT APPLICATION

### weber euroflor Terrazzo:

**weber euroflor protect** can be used for post-curing of new Terrazzo surfaces. Therefore, **weber euroflor protect** is applied after the grouting of all existing holes and pores is finished. The grouted substrate must be completely dry. In warm conditions above 30°C, the application can be started 30 – 60 minutes after grouting. Depending on the Ambient temperature and humidity, the waiting time may extend, especially for air-conditioned areas.

After sufficient drying of all previous steps, **weber euroflor protect** is applied on the surface, at the rate of 150 g/m<sup>2</sup> as a maximum quantity. To achieve a uniform distribution of the material, it is recommended to use a commercially available pressure sprayer. Afterwards, use a microfiber mop to distribute excess material.

**weber euroflor protect** could be also poured on the surface and applied in 2 passes using a microfiber mop (wet on wet). In warm conditions, further processing can take place 2 hours after application of **weber euroflor protect**. In case of lower ambient temperatures, the waiting time may extend as described above.

### weber euroflor Design:

On fine-grained and dense substrates like the self-leveling compounds of the **weber euroflor Design** product line, the surface has to be pre-wetted with clear water before application of **weber euroflor protect**. The water is distributed with a microfiber mop. Thereafter, **weber euroflor protect** is applied wet on wet, with a low-pressure sprayer, then immediately distributed uniformly in one direction with a microfiber mop, while ensuring that the whole surface is dampened with **weber euroflor protect**.

**weber euroflor protect** could be also poured on the surface and applied in 2 passes using a microfiber mop (wet on wet). In order to ensure a uniform and stripe-free application, prevent the microfiber mop from running dry. The formation of puddles and large supernatants should be avoided. To provide a sufficient protection, **weber euroflor protect** has to be applied wet on wet in two thin layers. As soon as the last application with **weber euroflor protect** is completely dried (approx. 2 hours), the surface can be polished if required. The application of **weber euroflor protect** provides a basic protection for mineral based self-leveling compounds. For complete stain protection use **weber euroflor seal s**.

**NOTES:**

In case of decorative surfaces, a small sample of 1 m<sup>2</sup> should be applied at least one day before the big scale application. Do not apply on non-absorbent surfaces. Please protect glasses, glass, tiles and similar substrate from splashing material. Impurities have to be washed off immediately with water. With each interruption of work, the tools have to be cleaned.

It is important to ensure that **weber euroflor protect** do not reaches the surface prior to application whether by dripping work tools or footwear. Otherwise, efflorescence can occur on pre-wetted areas. Clean footwear should be worn during application to avoid contamination on fresh applied surface.

**CONSUMPTION:**

The consumption of weber euroflor protect will be highly affected by the substrate absorption:

Substrate	Consumption
<b>weber euroflor Terrazzo</b>	100 – 150 g per m <sup>2</sup>
<b>weber euroflor Design</b>	30 – 60 g per m <sup>2</sup>

**TOOLS AND CLEANING**

Paint roller, microfiber mop or spraying device.  
All equipment should be washed clean and dried before and after application.

**PACKAGING AND SHELF-LIFE**

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

**SAFETY NOTES:**

- **weber euroflor protect** is an alkaline liquid.
- For further information on safety during storage, handling and disposal, please refer to **weber euroflor protect** Safety data sheet.

**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.