

# weberfloor protect

## Two-component PU, water-based sealer

Technical Data Sheet

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### ■ Description

**weberfloor protect** is a two-component water-based polyurethane polishing system. It has been developed especially for use with **weberfloor powercoat**, a self-leveling, colored cement-based decorative floor coating. **weberfloor protect** gives the floor a matt and natural finish.

### ■ Reference standards

- Giscode: W2DD+ (sealer product code)

### ■ Advantages

- High resistance to abrasion
- High stain resistance
- Easy to clean
- Highly waterproof
- Matt finish and natural appearance
- Resistant to cleaning chemicals
- Low dirt retention

### ■ Application areas

**weberfloor protect** offers a lasting protection on decorative cement-based screeds by forming a layer which is highly resistant to abrasion and reducing the adhesion of dirt and long-term protection.



### ■ Application substrates

Interior floors;

- Cement based screed

Please consult us for all other application substrates.

### ■ Preparation of substrates

- The substrate should be dry, smooth, sound and free from any contamination.
- After the drying time of **weberfloor powercoat** (24 hours) is passed, the substrate should be cleaned from dust by aspiration or vacuum cleaning. Vacuum cleaner's working mode should be appropriate for the surface.
- Sealer should be used on the surfaces free from dust. To ensure that even finest particles have been removed, the surface should be dry-mopped by using a mop equipped with micro fiber cover.
- After the substrate is completely clean, **weberfloor protect** can be applied.

### ■ Application conditions

- Ambient temperature between +15°C ile +25°C
- Floor and material temperature should not fall below +15°C during application and drying time.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.
- Should not be applied under direct sun, strong wind or on hot (heated) substrates.
- Do not apply anti-static floors.

### ■ Application

#### Mixing

- Each component should be shaken well.
- After shaking of each component, component B of **weberfloor protect** should be added to component A of **weberfloor protect**. Shake the mix vigorously until its well blended.
- Let the material to stand for 10 minutes to fulfill its reaction.
- After 10 minutes, the material should be mixed and applied.
- For smaller applications, mix component B and component A in the ratio of 1/4 (**weberfloor protect B/weberfloor protect A**).
- Once mixed component A with component B, use it within 2 hours (pot life is about 2 hours).

#### Sealer application

- Start on the side that faces the light. Use a small lacquer roller. Spread a firsthand of **weberfloor protect** in widths of 1 meter with a short nap roller.
- Start at the window side of the room and work your way backwards. Then overlap this coat lengthways.
- Always work when product is wet and make sure to cover all areas but avoid formation of pools.
- Dry time of sealer is approximately 2 hours (walkable). Second coat should be applied after 2 hours.
- The floor may be used with care after approximately 12 hours. It is therefore recommended to let the surface cure overnight.

### ■ Application tools

Only specific rollers should be used for application of **weberfloor protect**. The rollers should meet the following requirements:

- High quality standard, with reduced "hairing",
- Suitable for water-based parquet lacquers,
- Microfiber pile size from minimum 6 mm to maximum 12 mm (ideally between 8-10 mm)

#### Not suitable rollers:

Foamed, nylon, and lamb wool rollers

**Note:** The degree of "hairing" of the roller can easily be checked by using a standard fixing tape, taping it around the roller and hence it should immediately be removed. If the tape is full of fibers, the roller is not suitable and will leave traces in the final appearance.

**Rulo sizes:**

- For edges and detailed areas – roller width: 10 cm
- For standard room sizes – roller width: 25 cm
- For large areas – roller width: 50 cm

**Consumption**

- 0,05 - 0,07 lt/m<sup>2</sup>
- 2,5 liters of ready-mixed protector is sufficient to cover an area of approximately 35-50 m<sup>2</sup> (one coat).

**Points of attention**

- The surface must be completely clean and free of dust, grease, oil, wax or any remaining of cleaning agents.
- 24 hours after **weberfloor powercoat** application, seal the surface with **weberfloor protect**.
- For areas with light foot traffic such as residential areas, **weberfloor protect** can be applied as a single coat. For medium and heavy foot traffic areas such shops, it is mandatory to use two coats of **weberfloor protect**.
- For applications in 2 layers, the waiting time between layers is minimum 2 hours and maximum 48 hours.
- Do not walk on any of the above mentioned colored floor screeds without wearing shoe protection (e.g. plastic cover) prior to surface treatment application.
- Do not add any foreign substances to the mixture.
- Use appropriate gloves when mixing component A and component B.
- Apply **weberfloor protect** within 2 hours after mixing component A with component B.
- Not applicable on wet or damp areas such as pools and hammams.
- Not applicable on weak and loose substrates.
- Always work wet in wet and make sure to cover all areas but avoid the formation of pools.
- Stains like antiseptics mercurochrome or hair dye, must be removed within 30 minutes after the time of spillover.
- All tools used for application should be cleaned with water before drying.

**LEGAL DISCLAIMER**

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned

*The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.*

**Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose of failure to comply with the forgoing application conditions and advice on the product.

**Technical Specifications**

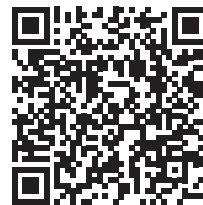
PRODUCT	<b>weberfloor protect</b>
Product structure	Water-based polyurethane
Renk	Transparent
Mixing ratio	1 : 4 ( <b>weberfloorprotect B : weberfloorprotect A</b> )
Mixing time	2 minutes
Pot-life	2 hours
Drying time	Approximately 1-2 hours
Time required for light pedestrian traffic	12 hours
Time required for pedestrian traffic	24 hours
Full drying time	1 week

**Storage**

<b>Packaging</b>	2.5 lt Component A: 2 lt Component B: 0.5 lt
<b>Colour</b>	Transparent
<b>Shelf life</b>	<ul style="list-style-type: none"> <li>• 1 year from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment.</li> <li>• Packages should be kept tightly closed when not in use.</li> <li>• Lumped or petrified products should not be used.</li> </ul>

**Safety precautions**

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information, waste management and/or product disposal



Access detailed documentation of the product by scanning QR or trweber.