

weber.floor YS 1 (Deitermann YS 1)

Cement based corundum and silicium carbide aggregate surface hardener

■ Description

Cement, special aggregate, corundum, silicon carbide, pigment and special additive-based surface hardening mortar increasing substrate resistance on industrial floors.

■ Advantages

- Enables smooth and homogenous substrate.
- Prevents abrasion against mechanic loads.
- Increases resistance against impacts.
- Delays substrate dusting.
- Easy application on bearing concrete.
- 5 different colors.

■ Range of application

- Applied on all floorings for which high mechanic abrasion resistance and no dusting are required.

■ Application substrates

- Interior and exterior;
 - Warehouses,
 - Workshops,
 - Shipyards,
 - Aircraft hangers,
 - Parking lots,
 - Helicopter runways,
 - Service stations,
 - Industrial building floors,
 - Houses,
 - Offices,
- Please consult us for other application substrates.

■ Performance

- Abrasion resistance: <math> < 2.0 \text{ cm}^3/50 \text{ cm}^2 \text{ (TS 699,)} </math>
- TS EN 13501-1:2007 (fire reaction class: A1).

■ Reference standarts

- TS EN 1504-2.

■ Conditions of application

- Ambient temperature is between 5 °C and +30 °C.
- Avoid application in very damp and/or hot weather, strong wind or sun.
- It should not be used on substrates which are frozen or melting or have the risk of frost and rain within 24 hours.

■ Preparation of substrates

- The bearing concrete of the area where **weber.floor YS 1** will be applied should be at least C25 or 350 dose class.
- The substrate of new concrete of application should not be finished with steel trowel or tray finish and should have been leveled with wooden trowel.

■ Application

- You should wait until bearing concrete becomes fit for bearing concrete. The proper time is that concrete should have been hardened as 0,15-1,5 cm foot print will be seen on the concrete.
- **weber.floor YS 1** bags should be aligned at the sides of anos depending on ano width and consumption.
- **weber.floor YS 1** is distributed on the entire substrate via scattering method. Material should not be applied in clusters on the substrate, homogenous distribution should be ensured as much as possible. Moreover, scattering at long distances should not be done for aggregates in the product not to decompose. This process can be done manually or a special scattering equipment.
- You should wait until the material scattered will change its color by absorbing the water of concrete.
- **weber.floor YS 1** changing its color scattering homogenously and absorbing water is compressed with tray finish and integrated with concrete.
- Then knife finishing starts and this process continues until the desired brightness is achieved.

■ Attention points

- **weber kur A** a curing material can be used for the substrate not to lose the water quickly after the application. In cases that curing material is not applied, water is sprayed slightly to the substrate and it is covered with folio or curing blanket.

■ Consumption

5 kg/m².

■ Packaging

Net 25 kg bag,
(64 in pallet, 1600 kg).

■ Pallet size

107 x 107 cm.

■ **Color**

Grey, red, green, yellow, anthracite.

■ **Application tools**

Scattering tools, finishing tray, finishing knife, rotary float.

■ **Shelf life**

1 year as of the production date in dry and moisture-free environment.

Package should be kept tightly closed when not in use.

FOR INFO

> The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high 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 or failure to comply with the foregoing application conditions and advice on the product.



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