

weber.floor 4610 (maxit Floor 4610)

Polymer-modified, self-leveling flooring material applicable in thicknesses of 4-15 mm

■ Description

Polymer-modified, fiber reinforced, self-leveling, fast-hardening, high abrasion-resistance, flooring applicable between 4-15 mm thicknesses.

■ Advantages

- Applicable in thicknesses of 4-15 mm,
- High abrasion-resistance,
- High resistance to heavy industry loads,
- Applicable with pump.
- Can be opened to foot traffic in a short time.

■ Range of application

- Applied for leveling reinforced concrete substrates requiring high resistance.

■ Application substrates

- Interior;
- Industry plants exposed to heavy and medium level loads
- Industrial plants, warehouses, parking lots required high abrasion resistance.

■ Performance

- Application thickness 4-15 mm.
- Recommended coat thickness: 6-8 mm
- Class of compressive strength C 35 EN 13813 (28-day strength)
- Class of flexural strength F 10 EN 13813
- Flexural resistance 8 MPa
- Shrinkage < 0,70 mm/m
- Hardening time (before foot traffic) 2-4 hours,
- Hardening time (before light traffic) 2-4 hours,
- Hardening time (before ordinary traffic) about 1 week
- Cross flexural strength >3 Mpa.
- Abrasion strength (steel wheel class), AR 0,5 EN1389-4,
- Abrasion resistance RWA 100.

■ Conditions of application

- Ambient temperature is between +10 °C and +25 °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

- Weak parts should be removed from the substrate by wiping or sending.
- Cracks and holes and wide holes should be repaired.
- Drain covers should be protected and separated with stopping materials.

- The substrate should be cleaned with vacuum-cleaner.
- The substrate should be primed in 2 coats with **weber.floor 4716**. The first coat should be diluted in the ratio of 1:5 and the second coat should be diluted in the ratio of 1:3.

■ Application

- Mixing with water of the material is performed with mixer pump ideally. Water ratio is 5,00-5,25 l for 25 kg **weber.floor 4610**.
- Water rate in the mixture should be checked with fluidity test. Fluidity should be 155-160 mm (old SS 923519).
- The material should be pumped to the substrate in layers. Ordinary layer length is 10-12 meter. Each new layer should be laid on the former one as quickly as possible.
- Material should be leveled with knurled trowel during pouring lightly.
- Semi-hardened material can be cut easily. Sanding equipment will be necessary for joints after the material has frozen.

■ Attention points

- The flexural strength of the application reinforced substrate should be 1,5 Mpa.
- Temperature of dry material should be checked before preparing mixture. While the material being too cold causes the mixture not to be mixed thoroughly and not to solve, use of dry material at high temperature may cause gelling and higher fluidity.
- The roof should be absolutely covered to prevent air flow in the application area and doors/windows should be kept closed.
- All tools used for application should be cleaned up with water.

■ Consumption

1,7 kg/m² (for 1 mm thickness).

■ Packaging

Net 25 kg bag,
(42 in pallet, 1050 kg).

■ Pallet size

80 x 120 cm.

■ Color

Grey.



■ Application tools

Mixer pump, knurled leveling trowel.

■ Shelf life

6 months 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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