

weber.floor 4660 Marine Elastic (maxit Floor 4660)

Cement-based, self-leveling flooring material for decks

■ Description

Self-leveling, cement-based, fiber reinforced flooring for leveling steel, galvanized steel and aluminum decks.

■ Advantages

- Applicable in thickness between 2-30 mm.
- Polymer - modified.
- Applicable on reinforced concrete and metal substrates.
- Flexible.
- Applicable with pump.

■ Range of application

- Applied for leveling steel, galvanized and aluminum decks.

■ Application substrates

- Before various final layer coating on ships and petrol platforms,
- As flooring on floating rock wool floorings for isolation purpose.

■ Performance

- Application thickness 2-30 mm (in fixed system) 20-30 mm (floating systems),
- Resistance of substrate > 1 Mpa,
- Class of compressive strength C 20 EN 13813,
- Compressive strength 27 Mpa EN 13892-2 (28-day strength)
- Class of flexural strength F 7 EN 138183
- Flexural strength 8,5 Mpa EN 13892-2 (28-day strength)
- Shrinkage < 0,5 mm/m EN 13454-2 (after 28 days),
- Hardening time (before foot traffic) 1-3 hours,
- Hardening time (before ordinary traffic) 1-3 days.

■ 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

- The substrate should be free from dust, grease and other contaminants to decrease adherence.
- Steel plates should be protected against rusting.
- The resistance of application floor should not be less than 1,0 Mpa.
- The substrate should be primed in 2 coats with **weber.floor 4716** diluted with water in ratio of 5:1.

■ Application

- Mixing with water of the material is performed with mixer pump ideally. Water ratio is 4,3 l for 25 kg **weber.floor 4660 Marine Elastic**.
- Fluidity test should be performed and water rate should be checked. Fluidity should be 205-220 mm in a ring of 68*38 according to Weber standard method or should be 135-145 mm according to former SS 923519.
- When low weight coating layers are required, **weber.floor 4660 Marine Elastic** can be mixed with light LWA. It is recommended to mix about 40 l LWA with 25 kg **weber.floor 4660 Marine Elastic**.
- Material should be pumped on the substrate in layers. Ordinary application width should be higher than 6-8 meters. If the total area is higher, dividers should be used.
- Material should be leveled with a wide trowel or steel trowel during pouring lightly.
- Application should be covered with a coating material in 2-3 days. Otherwise a protective primer should be used.

■ Attention points

- 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.
- You should wait for 1-3 days for coating application on the substrate.
- All tools used for application should be cleaned up with water.

■ Consumption

- 1,7 kg/m² (for 1 mm thickness),
- 0,6 kg/m² with LWA mixture (for 1 mm thickness).

■ Packaging

- Net 25 kg bag,
- (40 in pallet, 1050 kg).

■ Pallet size

- 80 x 120 cm.

■ Color

- Grey.

■ Application tools

Mixer pump, knurled 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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