

EM 878 Tilers Screed Cement-based dry screed

Product description

EM 878 Tilers Screed is a multi-purpose cementitious building material.

Usage

- For creating a fall in floors, shower trays or any area where water must be drained.
- For construction of haunching, fillets and any unreinforced, high-build construction applications
- For use in environments where a fast-setting product is required

Consult the EzyMix team before use for additional information and expertise.

Surface Preparation

Concrete floors must be solid, clean, and free of wax, grease, asphalt, latex compounds, curing and sealing compounds and any other surface contaminants. Where required mechanically clean the floor using recommended preparation methods such as shot-blasting, scarifying, diamond grinding, shaving or other suitable methods to provide a roughened, clean, sound, solid and open porous surface.

Priming

Prior to priming all concrete surfaces must have dust removed from the surface.

All concrete surfaces must be primed following the below instructions.

- EM 4716 Primer is to be mixed with water at a ratio of 3:1 (3-parts water to 1-part EM 4716) **Refer to EM 4716 data sheet.**
- Using a drill with stirrer mix the EM 4716 Primer Solution with EM 878 Dry Screed to make a primer coat at a ratio of 3:1(3-parts EM 878 to 1-part EM 4716 Primer Solution), make a paste like consistency.
- Pour the Primer onto the concrete surface, then with a broom evenly spread ensuring there are no areas unprimed.
- EM 878 Tilers Screed must be applied otopop while the Primer is "tacky", any primed areas that dry must be re-primed prior to laying the EM 878 Tilers Screed Otopop.

Mixing Ratio

As a guide, for general use, EM 878 Tilers Screed requires approx. 9% water added or as required to achieve the required workable consistency.
1 x 25kg bag requires 2.25 liters of water +/- 10% to achieve desired consistency.

Note:

Water added must be clean potable water.
Water temperature may alter the workable time for this product.

Thickness

EM 878 Tilers Screed can be applied from 5mm-100mm in one application.

Coverage

Approximately 16kg/m² per cm of thickness

Drying Time

EM 878 Tilers Screed can take foot traffic after 24hrs. Residual moisture content ≤ 4% in EM 878 Dry Screed before moisture barriers can be applied, this is typically 24hrs after installation at an average temperature of 23°C. Do not add more than the above recommended water content as this will prolong the moisture cure process.

Storage

Shelf life is at least 12 months when stored in original, unopened bags.

Availability

In 25 kg bags, 40 bags per pallet.

Technical specifications

Coverage rates	1.6 Kg/mm/m ²
Application temperature	+ 5 °C to + 30 °C
Surface temperature	+10°C
Outdoor application	Yes
Indoor application	Yes
Working time	1 hours
Walkability	24 hours
Mixing Ratio	25 kg bag + 2.25 liters water
24 hr. MPa	18 MPa ≥
28 Day MPa	36 MPa ≥

Technical Data Sheet



Product Limitations

- EM 878 Tilers Screed can be applied to most concrete substrates. Additional key coat materials are available if a smooth concrete surface is present.
- All surfaces EM 878 Tilers Screed is to be applied to must be clean, dry, free of laitance and oils to ensure adequate adhesion.
- EM 878 Tilers Screed must be applied at a minimum thickness of 5mm.
- Do not over trowel EM 878 Tilers Screed as excessive surface water may be brought to the top and/or bubbling may occur.
- Several of the application techniques involved in the use of EM 878 Tilers Screed is classed as specialist procedures and should be conducted by trained professionals.

Documents

Material safety datasheet

Legal notices

The information provided in this document is based on our technical knowledge and experience at the present time. It must be regarded as a general guideline only. Owing to the large number of potential influences, it does not relieve anyone using or processing our products from the responsibility of carrying out their own tests and experiments.

Nor does it imply any legally binding assurance of certain properties or that our products are fit for a specific purpose. Responsibility for complying with any property rights, applicable laws or other requirements lies solely with the user. This datasheet invalidates any previous datasheets.