

EM 879 Rapid Screed

High Building Cement Based Screed

Product description

EM 879 Rapid Screed is a multiple use Cementitious Construction Material.

Usage

- For creating a fall in floors, shower bases or any area where water must drain away.
 - For construction of haunching, fillets and any unreinforced high build construction applications
 - For use in environments where a rapid setting product is required
- Consult with EzyMix staff prior to 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 879 Rapid Screed to make a primer coat at a ratio of 3:1 (3-parts EM 879 to 1-part EM 4716 Primer Solution)
- Pour the Primer onto the concrete surface, then with a broom evenly spread ensuring there are no areas unprimed
- EM 879 Rapid Screed must be applied otop while the Primer is "tacky", any primed areas that dry must be re-primed prior to laying the EM 879 Rapid Screed Otop.

Mixing Ratio

As a guide, for general use, EM 879 Rapid Screed requires approx. 18% water added or as required to achieve the required workable consistency.

1 x 25kg bag = 4 liters of water

Note:

Water added must be clean potable water.

Water temperature may alter the workable time for this product.

Thickness

EM 879 Rapid Screed can be applied from 5mm-100mm in one application.

Coverage

Approximately 20kg/m² per cm of thickness

Drying Time

EM 879 Rapid Screed can take foot traffic after 24hrs.

Residual moisture content ≤ 5% in EM 879 Maxi-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 + 4 liters water
28 Day Compressive Strength	28MPa
Bulk Density of Powder	1.6 kg/L
Weight of Fresh Mortar	1.8 kg/L

Technical Data Sheet



Product Limitations

- EM 879 Rapid Screed can be applied to most concrete substrates. Additional key coat materials are available if a smooth concrete surface is present.
- All surfaces EM 879 Rapid Screed is to be applied to must be clean, dry, free of laitance and oils to ensure adequate adhesion.
- EM 879 Rapid Screed must be applied at a minimum thickness of 5mm.
- Do not over trowel EM 879 Rapid Screed as excessive surface water may be brought to the top and/or bubbling may occur.
- A number of the application techniques involved in the use of EM 879 Rapid Screed are classed as specialist procedures and should be conducted by trained professionals.

Documents

Material safety datasheet

Legal notices

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