

# MAXPLUS SCREED

## Technical Data Sheet

### Maxplus Screed

Cement Based Polymer Fortified Screed

#### Product Description

Maxplus Screed is a ready to use, shrinkage compensated screed designed for both internal and external applications.

#### Areas of Use

- For forming falls in floors, shower bases or any area where water must drain away.
- Repairs to uneven concrete substrates
- For building ramps prior to application of floor coverings
- Can be used in residential and commercial applications.

Consult with instore staff prior to use for additional information and expertise.

Technical specifications	
Coverage rates (per 20kg Bag)	1m <sup>2</sup> at 10mm
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	20 kg bag + 1.9 liters water
24 hr. MPa	18 MPa ≥
28 Day MPa	36 MPa ≥

#### Surface Preparation

Concrete floors must be solid, clean, and free of wax, grease, asphalt, latex, paint, curing and sealing compounds and any other surface contaminants. Where required, mechanically abrade 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

All concrete surfaces must be primed following the below instructions.

For priming we recommend a latex cement slurry coat, used at the time as screed installation ensuring a wet-on-wet application. Alternatively, the below primer solution can be used.

- 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.**

Prior to priming all surface contaminants must be removed. Ensure the surface is clean, dry and ready for screed application.

#### Mixing Ratio

1 x 20kg bag = 1.9 liters of (clean potable) water +/- 5% to achieve desired consistency.

#### Application Limitations

Maxplus Screed can be applied from 5mm-100mm in one application.

#### Approximate Coverage Rates

Coverage per 20kg bag: 1m<sup>2</sup> at 10mm

#### Drying Time

Maxplus Screed can take foot traffic after 24hrs.

Residual moisture content ≤ 2% in Maxplus 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 12 months when stored off the floor in a clean, dry environment and original packaging.

#### Product Limitations

- Maxplus Screed can be applied to most concrete substrates. Additional key coat materials are available if a smooth concrete surface is present.
- All surfaces Maxplus Screed is to be applied to must be clean, dry, free of laitance and oils to ensure adequate adhesion.
- Maxplus Screed must be applied at a minimum thickness of 5mm.
- Do not over trowel Maxplus Dry 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 Maxplus Screed is classed as specialist procedures and should be conducted by trained professionals.
- Do not install over timber floors.

#### 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 datasheet.