

## MAX 4050 SCREED (C)

### DESCRIPTION:

**MAX 4050 SCREED (C)** Mineral Binder for Screeds to fix Vitrified Tiles and Natural stones Using Wet-on-Wet Technique and as a dry Screed for Underlay Application.

### AREA OF APPLICATION:

Interior & Exterior Flooring and Cladding of Small, **MAX 4050 SCREED (C)** is applied using the traditional methods for cement-based screeds preparation of levelling layers, casting and compacting of the mix, flattening and final smoothing with a power floater or mechanical means. To obtain the mechanical performance required, the screed must be carefully compacted.

### FEATURES & BENEFITS:

- Impact resistant
- Water resistance
- Guaranteed Performances
- Rapid-Drying and No-Curing
- Compactible with River & M sand
- DOES NOT create stains
- Compensated shrinkage

### SURFACE:

- Cement Based Surfaces
- Floors in concrete
- Low-Density Concrete
- Heat-insulating and Soundproofing panels
- Existing PCC and IPS

### MATERIALS:

- Vitrified tiles
- Low thickness slabs
- Ceramic tiles
- Large formats Natural Stone
- Recomposed materials
- Glass and Ceramics Mosaics

### USES:

- Internal - external screeds
- Domestic applications
- Commercial applications
- Industrial applications
- Street furniture

### PREPARATION OF THE SURFACE:

All surfaces must be dimensionally stable according. To IS 1443-1972, level, cured, undamaged, compact, Rigid, resistant, dry and free from any debonding agents and from damp rising.

### SCREED PREPARATION:

**MAX 4050 SCREED (C)** is mixed using water and inert materials until a semi-dry consistency is obtained. Use River or M sand to obtain certified screeds or use inert materials of assorted grain size from 0 to 8 mm, cleaned from dust and earth residues, to create screeds with thicknesses between 20 and 80 mm.

The percentage of mixing water varies depending on the humidity content in the inert material.

### CLEANING:

Residual Traces of **MAX 4050 SCREED (C)** Can Be Removed From Tools and Machinery Using Water Before The Product Hardens.

### TECHNICAL INFORMATION:

Apparent volumetric mass :  $\approx 1 \text{ kg/dm}^3$

Doses for  $1 \text{ m}^3$  of River or M sand

(EN 13139 – IS 383) : refer to Dosages table

Coverage per cm of thickness :  $\approx 1,2 - 2,5 \text{ kg/m}^2$

Temperature of the air,

substrates and materials : from  $+5 \text{ }^\circ\text{C}$  to  $+35 \text{ }^\circ\text{C}$

Pot life :  $+23 \text{ }^\circ\text{C}$   $\approx 3 \text{ hrs}$

Foot traffic at  $+23 \text{ }^\circ\text{C}$

: dry screed  $\approx 8 \text{ hrs}$

: traditional fixing  $\approx 24 \text{ hrs}$

Waiting time for fixing at  $+23 \text{ }^\circ\text{C}$ :

tiles  $\geq 24 \text{ hrs R.H.} < 3 \text{ CM-\%}$

hardwood floors  $\geq 5 \text{ days R.H.} < 2 \text{ CM-\%}$

### SPECIAL NOTES:

#### Pre-Treatment of Special Surfaces

Highly-Absorbent Surfaces Must Be Dampened Using Water to Saturation Point.

### SPECIAL APPLICATIONS:

If the anchored screeds have a thickness of  $< 40 \text{ mm}$ , apply a slurry key to the surface prepared with 2 parts of **MAX 4050 SCREED (C)**, 1 part of Max 3001 SBR latex, 1 part of water. Dampen the surface with a lot of water if it is very absorbent



**DO NOT USE:**

On deformable surfaces, without having previously calculated the degree of flexure and having provided for the necessary fractionizing joints. In adhesion on not completely cured concrete.

**DOSAGES:**

Recommended for the fixing of all types of vitrified tiles and natural stones depending on the intended use

**STORAGE & LIFE:**

Store between +5°C and +45°C.  
2 years if stored as recommended.

Dosage	MAX 4050 SCREED (C) ratio : River or M sand by volume	MAX 4050 SCREED (C) in 1 m <sup>3</sup> of River or M sand	Water (*)	Compression at 28 days according to EN 13892-2
Fixing with the wet-on-wet technique	1 : 8	125 kg/m <sup>3</sup>	40% of the weight of <b>MAX 4050 SCREED (C)</b>	≥ 16 MPa
Fixing on dry screed	1 : 6	165 kg/m <sup>3</sup>	40% of the weight of <b>MAX 4050 SCREED (C)</b>	≥ 23 MPa
Fixing in a heavy traffic areas	1 : 4	250 kg/m <sup>3</sup>	40% of the weight of <b>MAX 4050 SCREED (C)</b>	≥ 30 MPa

**SPECIAL NOTE:**

- Abide by any standards and national regulations
- Use in the recommended dosages
- Do not add other binders, additives or water to the mixture during the setting phase
- Low temperatures and high relative humidity lengthen the drying time of the screed
- An excessive quantity of water and use of inert materials with a granulometric grading lower than that recommended or non-assorted will reduce strength and the drying time
- Before fixing the hardwood floors and resilient materials, check residual moisture with a calcium carbide hygrometer
- Do not moisten the screed and protect it from direct sunlight and currents of air for the first 24 hrs

**HEALTH & SAFETY:**

- Avoid contact with skin and eyes.
- In case of contact with skin, rinse with clean water and then clean with soft water
- In case of contact with eyes, rinse immediately with clean water and seek medical advice.
- Wear suitable protective clothing, gloves, eyes protection equipment during the application.

**DISCLAIMER:** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results

**DO NOT MIX WITH CEMENT****PACKING:**

25 Kg



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