

MU-485 PowerFix

Mortar instant for big slab installation with more than 120 cm on the longest side of tile and categorized as C2TES1 (EN 12004). MU-485 PowerFix has high flexibility and compatible to be used for special substrates such as : wood, glass, metal, gypsum board, and cement board either for wall or floor.



Technical Data Sheet

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TECHNICAL DATA

Product Format	Powder
Color	Gray
Binder	Portland Cement
Aggregate	Sorted sand with maximum grain size 0,6 mm.
Additive	Additional solvent to increase the workability and adhesion.
Fresh density	1,5 Kg/L
Pot life @ 35°C	180 minutes
Water addition	5,0– 5,5 liter/sack 25 Kg
Consumption	± 5 m ² /sack 25 Kg with 3 mm application thickness or ± 2,5 m ² /sack 25 kg with 6 mm application thickness (double buttering)
Adjustability time	10 minutes
Application Thickness	2,0 – 10,0 mm
Tensile Adhesion	>1 N/mm ² @28 days (EN 12004-2)
Open time	30 minutes
Traffic Time	After 24 hours
Deformability	2,5-5 mm (EN 12004-2)
Slip Resistance	<0,5 mm (EN 12004-2)

Kemasan

25 Kg of paper sack.

Handling and Storage

Keep inside the closed and dry room. Avoid an excessive stacking, maximum 8 stacks per pallet (maximum 2 stacks of pallet).

Shelf life

10 months if it is stored in a sealed bag inside the dry closed room.

Substrate of Application

- Surface of wood, glass, metal, gypsum wall, cement board.

- Surface of aerated concrete and red brick.
- Surface of plaster, screed and concrete.

Area aplikasi

- Indoor
- Outdoor

Product advantages

- Ready to use and easy to apply.
- Can be used for big slab with a slab of more than 120 cm on the longest side.
- High adhesion.
- Open Time more than 30 minutes therefore can accommodate big slab application
- Can be used for special substrate such as wood, glass, metal, gypsum board, and cement board.
- Has high flexibility to accommodate the expansion and shrinkage.

APPLICATION METHOD

1. Substrate preparation

- Prepare the working area to be clean, stable, and flat. The flatness of the substrate will impact to adhesive consumption.
- Put adequate markings for flatness and straight alignment reference.

2. Mixing and blending process

- Pour 5,0 – 5,5 liter of water into the mixing container for each 25 kg sack of MU-485 PowerFix.
- And then pour the MU-485 PowerFix Flex into the mixing container.
- Blend the mixture until it achieves a homogeneous state.

3. Application process

- Apply the tile adhesive using trowel, and then stick the tile carefully.
- The adhesive thickness is 2 mm – 10 mm depending on the flatness of the substrate.
- Double buttering is recommended for big slab application.

Tools

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ISO 14001:2015 Certified
ISO 45001:2018 Certified

