

1.1 Tile & granite installation

MS POWERFLEX

Ultra powerful and flexible adhesive for non-absorbent tiles on non-absorbent surfaces



TECHNICAL SPECIFICATIONS

Form - Color	Creamy paste - Beige
Odorless	Lightly scented to odorless
Density	1.50±0.05kg/lt
Temperature resistance	From -40°C to +100°C
Skin formation time	30-45 minutes (20°C and 50% R.H.)
Curing rate	3mm/24 hours, at 23°C and 50% R.H.
SHORE-A Hardness	40±5
Elongation at break	500% per DIN 53504

CONSUMPTION

1.4-1.6kg/m², depending on the coarseness of the surface.

STORAGE

Store in the factory sealed container, in dry places for at least 12 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling, based on current European and National legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

PACKAGING

12kg Plastic container
(With two air-tight aluminum bags of 6kg each one)



pic. 2

PROPERTIES

Powerful one component flexible adhesive based on modified silane resins. The product cures when it comes in contact with the atmospheric humidity and the moisture from the substrate. In this way, it forms a flexible and a compact mass with strong adhesion to surfaces, even non-absorbent ones. Once it cures, it remains permanently flexible and is able to absorb shocks.

ADVANTAGES

- High durability against moisture, once cured
- Possesses soundproofing properties
- Can be used on various substrates
- Installation over existing (solid and sound) substrates without demolition
- Necessary for installing large tiles on non-absorbent surfaces

APPLICATIONS

MS Powerflex is ideal for installing large size, non-absorbent ceramic tiles, (1.60x3.20m, 1.20 x 2.40m, 1.20x1.20m, 0.60x1.20m), on surfaces that are also non-absorbent. Also suitable for installations over radiant heating floor systems. It is also recommended for installing all types of parquet floors (solid, laminate, etc.), as well as small and large wood boards. Ideal for vinyl strips (LTV) as well as sports flooring materials and PVC rolls installed on flat surfaces (marble, tile

or mosaic), without the need for leveling or flattening the application substrate. It is only necessary to completely fill the grout joints with the epoxy grout DUROPOXY or DUROSTICK.

USE

On sound and clean surfaces that are free of dust, grease and loose materials, apply the adhesive with a notched trowel. Coat as much surface as it can be lined within the next 15 minutes. Place the tiles or the flooring slots in the selected position by tapping them softly with a rubber mallet. The adhesive polymerizes within 24 hours and completely stabilizes after 2-3 days have passed.

NOTES

- Since the adhesive polymerizes with the atmospheric humidity, it is recommended to spray the substrate with water before installing the product.
- During the application and while "combing" the adhesive on the surface with the notched trowel, make sure to leave some gaps and not coat the entire application surface.
- During the summer months the adhesive cures faster, during the colder months the adhesive cures slower.
- Wood floors should be sanded after 12 hours have passed from the installation completion.



pic. 1