



Quality System Certified Company
UNI EN ISO 9001:2015

TECHNICAL DATA SHEET

PRODUCT

M.S. GENERBONDING

**Monocomponent elastic adhesive
of fast polymerisation**

DESCRIPTION

M.S. GenerBonding is a single component, adhesive, spatulable mass, MS PolymerTM based, with permanent elasticity and great adherence, which polymerizes due to the humidity of the environment.

M.S. GenerBonding has all the peculiar characteristics of MS Polymer technology:

- *Single-component, ready to use without mixing*
- *Absence of solvents and isocyanates*
- *Almost no shrinkage*
- *Flexible at low (-40°C/-40°F) and high (+100°C/212°F) temperatures*
- *Neutral reaction, no odor*
- *Very rapid curing*
- *Excellent adhesion on the most common ceramic materials.*
- *It does not show migrations, nor does it stain the surface on which it is applied*

FIELD OF APPLICATION

M.S. GenerBonding is a specific product for the waterproofing of horizontal surfaces of terraces and balconies without the removal of the existing covering, through the simultaneous gluing of ceramic tiles on the existing support

PROPERTIES

Base	MS Polymer
Consistency	pasty
Application temperature	between +5°C/41°F and +35°C/95°F
Color	brown
Packaging	plastic pail of 5 kg. and of 10 kg.

TECHNICAL DATA

Specific weight		1,63 kg/dm ³
Hardness Shore A	(DIN 53505)	35
Modulus 100%	(DIN 53504)	1 - 1,2 MPa.
Breaking load	(DIN 53504)	1,3 - 1,6 MPa.
Cut resistance	(ASTM D 624-73)	11 N/mm
elongation at break	(DIN 53504)	500%
Dust-free trime		40 min. abt (20°C/68°F 50% U.R.)
Hardening speed in depth		2-3 mm/24 hours (20°C/68°F 50% U.R.)

The values shown in the table must not be considered as specific, but as a general guideline.



APPLICATION

Preparation of the surface

The surfaces of the tiles that will come into contact with the adhesive as well as those of the support must be mechanically resistant, clean and free from dust, friable parts, grease, oils, paints, waxes, etc. and sufficiently dry. Any cleaning products containing alcohol must be completely evaporated, as alcohol may adversely affect the setting of the adhesive.

Waterproofing

For waterproofing, apply a first coat of MS GenerBonding with a smooth trowel so as to uniformly cover (1mm) the entire surface, in particular the areas of the support that correspond to joints or joining between the floor and the wall. Consumption 1.5 - 2 Kg / m².

Once hardened (approx. 24 hours) proceed to the next bonding.

Bonding

For gluing the tiles apply M.S. GenerBonding on the whole surface using a 4 or 5 mm notched trowel. Apply good pressure to ensure the contact and wetting of the tiles.

Consumption

1.5-2.5 kg / m²

Consumption can vary depending on the roughness of the support and the size of the tiles.

The layer applied with the second coat must in any case be sufficient to guarantee the complete "wetting" of the back of the tiles.

After 12 - 24 hours, depending on the temperature and humidity, the surface/floor can be walked on and joints can be grouted with cement grout.

Cleaning the tools

The spatulas can be cleaned with solvent. Once polymerised, MS GenerBonding can only be removed mechanically.

Important!

Protect MS GenerBonding from rain for the first few hours after application

STORAGE STABILITY

9 months from the date of manufacture for the product stored in a dry place, at temperatures between +5°C/41°F and +25°C/77°F, and sheltered from sunlight

LIMITATION OF LIABILITY

The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to refund of the purchase price since the application of the product is beyond the control of the manufacturer or supplier. However, no liability is assumed for implied or explicit damages due to the use of the product that remains outside our direct control

BEFORE THE APPLICATION ALWAYS EFFECT A PRELIMINARY TEST IN A SMALL PART OF THE SURFACE