

MS ROOFING



Adhesive sealant - elastic covering based on MS Polymer™.

MS Roofing is a one part, moisture curing, knife grade paste based on on MS Polymer™.

MS Roofing is suitable for sealing and repairing waterproof coatings in building application and for sealing roofing elements.

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MS Roofing is a suitable coating according to **EN 1504** for the surface protection of concrete against infiltration of damaging external agents, humidity control and corrosion protection by increasing resistivity.

MS Roofing is suitable to be used as covering in the cycles of restoration of roofing and products containing asbestos on the basis of the Italian regulation.

- One-component, ready to use.
- Neutral rapid curing.
- Solventless and isocyanate free.
- Flexible at low (-40°C) and high (+ 100°C) temperatures.
- Excellent UV and weathering resistance.
- Good adhesion to concrete, stonework, bricks, metals and sheets, wood, thermal/acoustic insulating foams, many plastics.

Typical uses

- For sealing, waterproofing and protection of flashings, skylights, chimneys, railings, piping.
- For restoring old gaskets.
- For additional sealing against infiltrations.
- For the production of signs, plates, gifts and fancy goods.
- For reinforcing and sealig vertical turn-ups between membranes and walls.
- Encapsulant in the cycles of restoration of roofing and products containing asbestos.

Properties

Base material : MS Polymer

Consistency : paste

Availability

Code	Colour	Packaging	pcs./box
1004043	charcoal grey	5 Kg. pail	1
1004661	charcoal grey	290 ml. cartridge	24

Technical data

Specific gravity :	1,56 kg/dm ³
Shore A Hardness (DIN 53505) :	40
100% modulus (DIN 53504) :	1,2 MPa
Tensile strength (DIN 53504) :	2 MPa
Elongation at break :	240 %
Tear resistance (ASTM D 624-73) :	9 N/mm
Skin forming time :	40 min. approx. (20°C/50% R.H.)
Curing speed :	2 - 3 mm after 24 h. (20°C/50% R.H.)

Values given in this table must not be considered as specifications

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Method of use

The substrate must be clean, dust free, free of grease, oils, dirt, coatings, etc. which can prevent adhesion. Concrete substrate must be compact, mechanically remove the friable or loose parts, eventually it is advisable to apply **Primer LMBV** as a consolidating agent.

Apply a first coat of **MS Roofing** with a smooth spatula or trowel, in order to obtain an uniform covering (0,5 - 1 mm.) of all the surface, particularly in the proximity of joints and points of contact between roof and wall.

Consumption: 1 - 1,5 Kg/m².

On joints, any roof and wall conjunctions and wherever potential cracks could occur, as long as the surface is still sticky, within the skin formation time, lay a fabric or reinforcement net.

After 24/48 hours curing, depending on the temperature and the environment moisture, apply a second layer by spatula, trowel roof, brush or solvent-resistant short-haired roller.

Consumption: approx. 1.5 kg / m². This amount can vary depending on the roughness of the support, according to the applicator used one or two layers could be necessary.

The final layer must in any case be sufficient to cover the weave of the reinforcement net wherever inserted.

MS Roofing applied alone, in thicknesses of at least 2mm (about 3 kg / m² total of 2 or more coats) is suitable for the surface protection of concrete according to **EN 1504** against infiltration of external agents, humidity control and protection of corrosion by increasing resistivity.

The asbestos encapsulating cycle composed of MS Roofing applied for a total consumption of 500 g / m² is suitable to be used as encapsulating covering on the basis of the provisions of the **Italian DMS 20 August 1999**.

The spatula can be solvent wiped with **Solvente ST/513**. Once cured, **MS Roofing** can only be removed mechanically.

Storage stability

18 months (290 ml. cartridge), 9 months (5 Kg. pail) for the product stored in the original sealed pack in a dry place at a temperature range from + 5°C to + 25°C.

Standard compliance


Fratelli Zucchini S.p.A.
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DoP n° 19 01 5005972
EN 1504-2:2004

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Surface protection systems for concrete: protection against ingress, moisture control, increasing resistivity.



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