

MARIUS AURENTI



MS POLYMER COLOR SEALANT Finishes

Origin and history:

MS Polymer was originally developed in Japan in the 1980s to address the challenges posed by the frequent earthquakes in that region of the world. The goal was to create a bonding and sealing material capable of withstanding the movement and vibration of structures, while maintaining a strong and durable bond to a wide variety of materials.

AREAS OF USE

Application of finishing and expansion joints, horizontal and vertical, indoors and outdoors.
Bonding of Conclad baseboards, thresholds and wall panels.

MATTER

MS Polymer based sealant adhesive – elastomer type 25E.

COLOUR

2 color options available: M002 (light beige) and M004 (dark beige).

PROPERTIES

Available in various colours, the Marius Aurenti adhesive sealant offers excellent adhesion properties on many substrates.

It exhibits great stability over time: permanent elasticity, very good resistance to UV and weathering.

It does not corrode metals.

High solids content, solvent-free. This product combines flexibility, strength, aesthetics and ease of use.

PACKAGING

290 mL cartridge. Carton of 12 x 290 mL cartridges – 12.34 kg



SUBSTRATES AND SUBSTRATE PREPARATION

The substrates must be clean (in particular free of grease, dust and any non-adherent parts), dry and dust-free. It is advisable to test the product's adhesion on the intended substrate.

The user must check that the Marius Aurenti coloured adhesive sealant is suitable for their use.

Marius Aurenti MS Polymer Color adhesive joint adheres to many materials: Marius Aurenti decorative panels and microcement, Marius Aurenti wall concrete, aluminum, zinc, galvanized and stainless steel, copper, natural stone, treated wood, plaster, degreased glass, enamel, metals, concrete...

EXCLUDED APPLICATIONS

Glazing seals, plastic surfaces such as PP, PE, PA and PTFE, permanent immersion

APPLICATION CONDITIONS

ROOM TEMPERATURE	>+ 5°C and <40°C
MEDIUM TEMPERATURE	

APPLICATION EQUIPMENT

Manual or electric injection gun.

APPLICATION OF JOINTING SEALANT

PRECAUTION FOR USE

Thin joints must be covered (on the floor) with an adhesive or joint backer rod to prevent a three-sided joint. The depth of the expansion joint should be two-thirds of its width. Joints that are too deep should be filled with joint backer rods (PU or PE). Floor joint backer rods require a stable PU backer rod.

To perfect the finish of the joint, the smoothing spray is recommended (see the technical data sheet for the MS polymer joint smoothing spray).

JOINT DIMENSIONS

The dimensions of the joints must comply with DTU 44.1.

WIDTH	DEPTH	TOLERATED DIFFERENCE
5 mm	5 mm	+/- 1 mm
8 mm	8 mm	+/- 1 mm
10 mm	6-8 mm	+/- 2mm
15 mm	10 mm	+/- 2mm
20 mm	10 – 12 mm	+/- 2 mm
25 mm	15 mm	+/- 3 mm
35 mm	20 mm	+/- 3 mm

Before it dries, the MS Polymer Color Marius Aurenti adhesive sealant can be removed according to the following protocol:

- Remove the excess with a soft cloth
- Clean with soapy water and a soft-bristled brush.

We always advise carrying out a test beforehand, before any implementation on the construction site.

INDICATIVE FUEL CONSUMPTION FIGURES

SECTION IN MM (WIDTH X DEPTH)	3 x 3	8 x 8
290 ML CARTRIDGE	32 linear meters	4.5 linear meters

COLLAGE APPLICATION

Extrude a bead or dots onto the substrate or the element to be bonded. The beads should be applied in vertical strips.

Apply the beads in parallel (this allows the humidity in the air to allow the glue to dry properly).

Assemble the materials while respecting the open time according to the ambient temperature and relative humidity.

Tighten firmly or tap lightly with a mallet. Achieve a thickness of approximately 3 mm between the two surfaces to allow the adhesive to withstand dimensional changes (especially for outdoor applications and in high humidity). Indoors, a thickness of 2 mm is sufficient.

Estimated consumption: between 0.2 and 0.5 kg/m²

INTERVIEW

Use a pH-neutral cleaner from Marius Aurenti.

OPEN TIME (20°C, 50% RH) 10 minutes
DRYING TIME (20°C, 50% RH) 24 hours for a 3mm cord
SOLVENT CONTENT 0%
SOLIDS CONTENT 100%
TEMPERATURE RESISTANCE -40°C / +90°C

MECHANICAL CHARACTERISTICS

CHARACTERISTIC (STANDARD)	VALUES
Shore A hardness (ISO 868)	40
Tension 100% elasticity (ISO 8339)	0,8 N/mm ²
Elasticity at break (ISO 8339)	230%
Tensile strength (ISO 8339)	1,1 N/mm ²
Water vapor permeability (ISO 15106)	μ=6946; Sd=4.9m

STORAGE Store for a maximum of 12 months in its original unopened packaging, in a dry place, protected from the elements, sun, frost, in a temperate room (+ 10°C minimum / + 25°C maximum).
SAFETY For more information regarding safety, consult the Safety Data Sheet.
ADDITIONAL INFORMATION Constant exposure to high relative humidity can cause mold growth.

Marius Aurenti MS Polymer Color Adhesive Sealant Color Harmony

These color associations remain subjective and cannot engage the responsibility of Marius Aurenti.

For some saturated colours, there is no obvious match, an M002 or M004 sealant is proposed, a seal whose harmony is further removed, more contrasting.

The choice of sealant colors remains at the customer's discretion.

The choice of varnish will also affect the perception of the harmony of the sealant color.

	Color Seal 1st harmony	Color Seal 2nd harmony	Color Joint harmony further away
Aluminium			M004-M002
Airain			M004-M002
Algue			M002-M004
Ardoise			M004-M002
Argent			M004-M002
Ballerine			M004-M002
Beige	M004	M002	
Beige melisse	M004	M002	
Boudoir			M004-M002
Calanque			M002-M004
Calcite			M004-M002
Canaille			M004-M002
Cappuccino			M004-M002
Chataigne			M004-M002
Corde	M004		
Coton	M004	M002	
Cuir			M004-M002
Eclat			M004-M002

Marius Aurenti MS Polymer Color Adhesive Sealant Color Harmony

7

	Color Seal 1st harmony	Color Seal 2nd harmony	Color Joint harmony further away
Epeautre			M004-M002
Eucalyptus			M004-M002
Everest	M002		
Figue verte			M004-M002
Flanelle		M004	
Fossile	M002	M004	
Froment			M004-M002
Galet original	M004	M002	
Gibraltar			M004
Glaise		M004	
Grège	M004	M002	
Gris aberdeen			M004-M002
Gris acier			M004-M002
Gris cendré	M002		
Gris éléphant			M004-M002
Gris orbital			M004
Gris perle	M002	M004	
Gris plomb			M002-M004
Gris souris			M004-M002
Hacienda			M004-M002
Ibis			M004-M002
Jade			M004-M002
Karonga	M002	M004	
L'amour			M004-M002

Marius Aurenti MS Polymer Color Adhesive Sealant Color Harmony

8

	Color Seal 1st harmony	Color Seal 2nd harmony	Color Joint harmony further away
Lin	M002		
Macchiato		M004	M002
Malachite			M004-M002
Marne bleue			M004-M002
Marron glacé	M004		M002
Muscade			M004
Nacre			M002-M004
Navette		M004	
Olivier			M004-M002
Ombre		M004	M002
Origan			M002-M004
Oxydium			M004-M002
Pampelonne	M004	M002	
Parchemin	M002		
Persan	M004		
Platinum			M004-M002
Pleurotte			M002-M004
Poivre blanc	M002	M004	
Renard		M004	
Riviera			M004-M002
Rose des sables	M004	M002	
Rose salin			M002-M004

Marius Aurenti MS Polymer Color Adhesive Sealant Color Harmony

	Color Seal 1st harmony	Color Seal 2nd harmony	Color Joint harmony further away
Rose souvenir			M004-M002
Rousse			M004-M002
Savon marseillais			M002-M004
Seigle	M004	M002	
Sépia	M004	M002	
Sésame			M004-M002
Sève brûlée		M004	
Sinaï		M004	
Sofia	M004	M002	
Sofia original	M004	M002	
Stratus			M004-M002
Tarente			M004-M002
Terracota original	M004		
Terre d'argile			M002
Terre de sienne	M004	M002	
Terre naturelle	M004	M002	
Tonka		M004	
Tourbe		M004	
Tuff		M004	
Vert cendré			M004-M002
Vésuve	M004	M002	
Voile	M002		

MARIUS AURENTI

For 40 years, Marius Aurenti has been innovating to improve the performance of decorative materials and the sensations they provide.

A mineral and plant aesthetic, close to Nature, to which our works pay homage and for which our environmental commitment is total.

MA's is also present, through its training and support, alongside quality French craftsmanship which, every day in our workshops as well as in the field, strives to make each place unique, beautiful and timeless.



www.mariusaurenti.com +33 (0)9 87 87 65 75