



Product description

MASTERS POLYMER G870 is a one-component elastic adhesive based on a hybrid polymer with silane termination that hardens by reaction with air humidity. Equipped with good breaking resistance and good elasticity.

Application areas

MASTERS POLYMER G870 is suitable for several applications:

- bodywork and vehicle repair
- industry
- air treatment
- porcelain
- wood
- aluminum - painted aluminum
- steel - stainless steel
- iron
- brick - concrete
- stone
- tinsmithery - roofing
- tile joints

Property

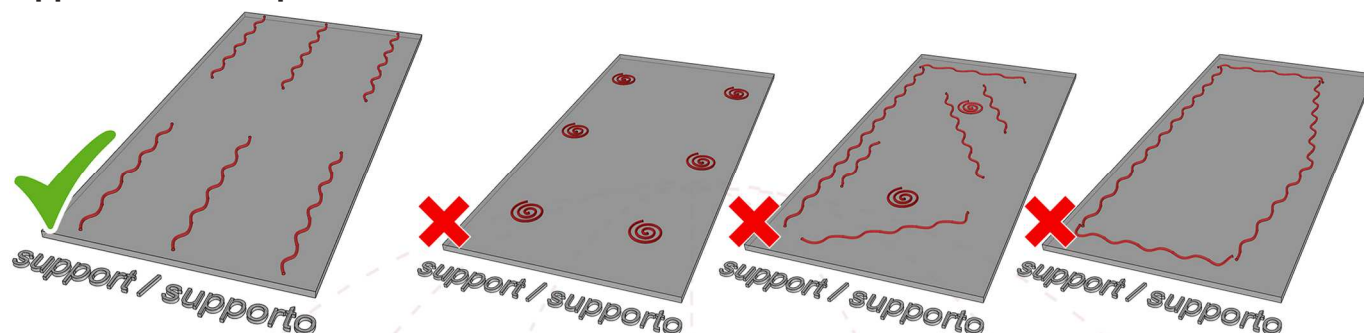
- free from isocyanates and solvents
- permanent elasticity
- odorless
- great chromatic stability
- adhesive properties unchanged over time
- overpaintable
- adhesion without primer
- excellent extrusion
- excellent UV resistance: UVB lamps h > 4500

Preparation and use

- *Conditions of use:* Use at a temperature between +5°C and +50°C - for a good performance of the product we suggest to use it at a temperature of 20°C. It is advised to completely harden the product before painting.
- *Surface Requirements:* The surface should be dry, free of dust, oils, detergents and greases, once the surface has been cleaned, wait no more than 20 minutes for laying the product.
- *Tools for use:* Manual or pneumatic guns
- *Cleaning Utensils:* Clean them with mineral turpentine.
- *Spots and residues:* Remove non-crosslinked parts with mineral

turpentine, hardened parts can only be removed mechanically.

Application example



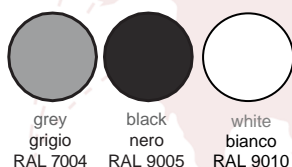
Package

Cartridge 290ml – box 12/24 pc.

Sausage 600ml – box. 20 pc.

Drums 26/260 kg

Colors



Storage

In its original packaging in a dry place, protected from direct light, and with temperature between + 5°C and + 25°C, lasts 18 months.

Security measures

Avoid contact with mucous membranes and skin

Use gloves to avoid irritation, especially in susceptible persons

In case of contact with eyes, rinse with large amounts of water consult a doctor.

Avoid to release the packages to the environment

Notes

These informations and our technical specifications, correspond to our experience but these not establish our guarantee in relationship with final results or responsibility arising out of any legal report.

In view of the multiplicity of material handling and storage conditions, the conditions of production and use, all the above information and indications must be verified beforehand by the user in accordance with its specific conditions of use.

MASTERS POLYMER G870 - Product data

General characteristics	Inspection method	unit	Value
Uncured paste			
Density at 23°C	ISO 2811	[g/cm ³]	1.4
Consistency			non-sag
Open time		[min]	12
Skin forming time at 23°C / 45 % r.h.		[min]	10
Cured paste			
After 4 weeks storage at 23°C / 50% rh			
Tensile strength	ISO 37	[N/mm ²]	2.50
Elongation at break	ISO 37	[%]	300
Modulus at 100% elongation	ISO 37	[N/mm ²]	2.10
Hardness Shore A	ISO 868		50
Temperature resistance		[°C]	-40 / +120

These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

For technical, quality, or product safety questions, please contact:
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