



# MASTERS POLYMER F-70 HP

## Product description

MASTERS POLYMER F-70 HP is a one-component universal adhesive sealant based on hybrid polymer with silane termination. It cures according with air moisture reaction. It has a remarkable speed of curing, strength and flexibility that makes it possible to make extreme and difficult joints even if they're subjected to vibrations.

## Specifications

- isocyanates and solvents free
- permanent elasticity
- excellent curing speed, even in depth
- ensures a first holding of glued supports between 15 and 30 minutes (this data is referred to the temperature and atmosphere humidity at the time of application and the type of glued substrates)
- repositionable in the first 5 minutes
- excellent surface hardness
- odorless
- great chromatic stability
- adhesive properties unchanged over time
- can be over-coated
- adhesion without primer
- great extrusion
- great adhesion on wet surfaces
- excellent UV resistance: UVB lamps > 3500 h

## Application areas

It is suitable for bonding a wide variety of substrates, such as:

- glass
- mirrors
- porcelain - ceramic
- wood - MDF - particleboards
- bricks - concrete - plaster - plasterboard
- aluminium - painted aluminum - anodized aluminum
- steel
- iron - copper - lead
- PVC - PP - PMMA (we suggest some preliminary tests before the application)

## 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.

The product can be painted with water based paint (available in commerce). Considering the large number of products and the wide variety of paints it is advised to completely harden the product and perform a preliminary compatibility test before painting.

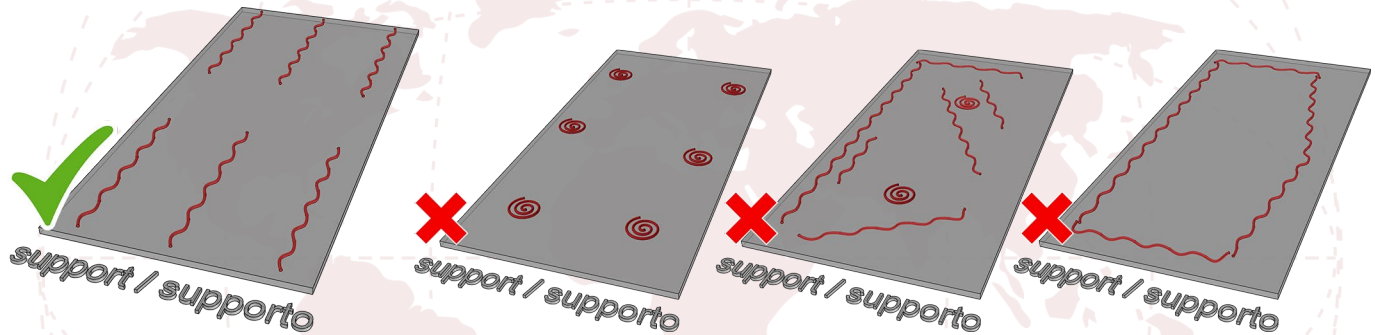
*Surface requirements:* the surface should be dry, free of dust, oils, detergents and greases, once the surface has been cleaned, wait no more than 20 minutes for laying the product.

*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 290 ml, box 12/24 pc.  
tube 125 ml  
drums 250 kg

### Colours



white  
bianco  
RAL 9010

### Storage

Stored in its original packaging, in a cold dry place (+5°C and +25°C), away from direct sunlight, the product lasts 24 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 F-70 HP - Product data**

General characteristics	Inspection method	unit	Value
<b>Uncured paste</b>			
Density at 23°C	ISO 2811	[g/cm <sup>3</sup> ]	1,56
Consistency			non-sag
Curing time at 23°C / 50 % r.h.		[mm/24h]	4
Skin forming time at 23°C / 50 % r.h.		[min]	8
Functional resistance		[min]	160
<b>Cured paste</b>			
<b>After 4 weeks storage at 23°C / 50% rh</b>			
Tensile strength	ISO 37	[N/mm <sup>2</sup> ]	3,50
Elongation at break	ISO 37	[%]	120
Modulus at 100% elongation	ISO 37	[N/mm <sup>2</sup> ]	2,80
Hardness Shore A	DIN 53505		64
Volume loss		[%]	< -2
Temperature resistance		[°C]	-40 / +90

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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