



UNI EN ISO 9001:2008  
Quality System Certified Company



## TECHNICAL DATA SHEET

PRODUCT

# GENERAL M 3

**POLYESTER ADHESIVE FLUID or/and SEMI-SOLID  
QUICK HARDENING  
SPECIAL FOR IN-LINE FILLING**

### BICOMPONENT POLYESTER ADHESIVE FOR IN-LINE STUCCOING/FILLING

Polyester resin adhesives are chemically inert and offer extended durability, feature high-reactivity rapid hardening no withdrawal from substrate materials during reticulation, and a modest shrinkage during hardening (1 to 5%). This adhesive is the culmination of GENERAL<sup>®</sup> Chemical Engineering's extensive knowledge and experience in the use of polyester resins with marble and natural stone.

GENERAL is one of the highest quality products available on the market today because are chosen only very high quality raw materials and are selected only suppliers who confirm strict criteria. This quality control process assures consistency of the physical and mechanical properties of the product. The mineral fillers used in GENERAL adhesives are carefully monitored to ensure purity, inertia and proper granular dimensions which together form a durable and consistent product.

Available in formulation:

PAGLIERINO/STRAW **M 3** FLUID (M3F)  
PAGLIERINO/STRAW **M 3** SEMISOLID (M3S)

### TECHNICAL DATA

PHYSICAL STATE  
STANDARD COLOR  
DENSITY at 25°C (77°F)  
STABILITY

**paste (M3S),** **viscous liquid, fluido (M3F),**  
**paglierino/straw**  
**1,40 g/cm<sup>3</sup> (M3S)** **1,15 g/cm<sup>3</sup> (M3F)**  
**6 months** in well closed original container, stored in dry place  
at temperature of 15-25°C (59-77°F)

### PREPARATION

For best results mix 2% to 3% of the catalyst (dibenzoyl peroxide) with the adhesive. The paste formula makes easy to measure. A homogeneous mixing will facilitate uniform catalysis. The catalysis rate is effected by temperature and by the proportion/quantity of catalyst. An excess of hardener/catalyst will increase the hardening speed, but weakens the adhesive seal. Surfaces to be treated/glued must be clean and dry; porosity and light roughness of the surface favour the best adhesion.

### MIXING AND HARDENED MASS CHARACTERISTICS \*\*\*

		FLUID	SEMI-SOLID
MIXING		1 minute	1 minute
APPLICATION AFTER MIXING	(POT LIFE)	1 minute	1 minute
GEL TIME at 25°C (77°F)		1-2 minutes	1-2 minutes
SHRINKAGE COEFFICIENT		2,5%	2,4%
DISTORTION TEMPERATURE		>80°C	>80°C

\*\*\* data referred to the pure resin

### 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. Since the application of the product is beyond the control of the manufacturer or supplier, our liability for defective products, when verified, is limited to the refund of the purchase price.

**A PRELIMINARY TEST IN A SMALL, HIDDEN, AREA IS RECOMMENDED BEFORE THE APPLICATION**