

# MMA GLUE HIGH TACK

# Sempre®

## PROPERTIES

- to inside and outside
- excellent adhesion to substrates  
absorbent and non-absorbent
- immediate grip without supporting
- initial adhesion 500 kg/m<sup>2</sup>
- final strength 22 kg/cm<sup>2</sup>
- replaces nails and screws
- can be covered with paints and plasters

## APPLICATION

**MMA GLUE HIGH TACK** is a high-strength adhesive based on MS - polymers with immediate fixation and very high initial adhesion (500 kg/m<sup>2</sup>). It does not require supporting/clamping the fastened elements.

The strength after hardening is 22 kg/cm<sup>2</sup>, or 22,000 kg/m<sup>2</sup>. It can be used on absorbent and non-absorbent substrates, indoors and outdoors. Thermal resistance after hardening: -40°C to +95°C. Perfectly glues wood, chipboards, cork, OSB boards, MDF, stone, concrete, bricks, ceramics, porcelain, glass, metal, steel, plasterboards and paving stones. Suitable for gluing mirrors, tiles, window sills, floor strips, cladding elements, etc. Recommended for gluing waterproof structural joints in the construction and machinery industries, structural parts of cars, buses, campers, railway wagons, body parts - metal on metal (absorbs vibrations) . Creates watertight connections.

It is not suitable for use on PE, PP, PC, PMMA, soft plastic, Teflon, asphalt and bitumen substrates, as well as in places constantly exposed to contact with water and chlorine.

## TECHNICAL DATA

<b>Group of products</b>	Supplementary materials
<b>Contains</b>	MS polymer
<b>Colors</b>	White
<b>Performance per package (290 ml)</b>	4 meters can be extruded from one package using the standard tip supplied to the package

<b>PARAMETERS</b>	<b>Parameter</b>	<b>Norm</b>	<b>Value</b>	<b>Unit</b>
	Base	--	MS polymer	--
	Consistency	--	thixotropic paste	--
	Specific gravity	--	1,55 – 1,60	g/ml
	Thermal resistance (after hardening)	-	-40 / +95	°C
	Frost resistance (in transport)	-	max - 15	°C
	Application temperature	-	+5 / +40	°C
	Skinning	-	ca. 10-15	min.
	Curing time	-	2-3	min.

Permissible deformations	-	± 25	%
Dripping	ISO 7390	< 2	mm
Elongation at break	EN ISO 527	250 ± 50	%
Module 100%	-	1,39	MPa
Tensile resistance	DIN 53504	2,20	MPa
Initial shear strength	EN 1324, art. 7.2.	1,48 (requirement: ≥ 1,0 MPa)	MPa
Shear resistance when immersed in water	EN 1324, art. 7.3.	1,02 (requirement: ≥ 0,5 MPa)	MPa
Shear resistance under exposure to temperatures	EN 1324, art. 7.4	1,12 (requirement: ≥ 1,0 MPa)	MPa
Shear resistance at elevated temperature	EN 1324, art. 7.5.	1,04 (requirement: ≥ 1,0 MPa)	MPa
Shear strength - for aluminum, laminate - for degreased galvanized sheet metal	EN 1465	1,41 1,75 – 1,95	MPa
Adhesion to the substrate: - aluminum, laminate - plaster (damage to the substrate) - concrete - wood - varnished wood - glass	EN 73 2677	1,22 0,25 ± 0,04 1,40 ± 0,05 1,30 ± 0,05 0,95 ± 0,05 0,92 ± 0,05	MPa
Slip	EN 1308	0,0 (requirement ≤0,5 mm)	mm
Shore A hardness (3s)	DIN 53 505	55 ± 3	°
Reaction to fire	-	E (subst.org content < 40%)	-

Podane parametry są wartościami średnimi wyników uzyskanych podczas badań.

## USE INSTRUCTION

### Substrates

Typical construction substrates should be clean, hard, free from dust, grease and oil, and free from loose elements with poor adhesion.

### Product preparation

Cut off the end of the cartridge, leaving part of the thread. Screw the applicator onto the thread.

### Application

Apply the appropriate amount of glue using a mechanical gun to one glued surface, press with slight shifts for 10 minutes.

### Drying

2-3 mm / 24 h (at 23°C). Before complete hardening, the glued joint should not be loaded with external forces.

### Cleaning tools

After finishing work, wash tools with gasoline and hands with soap and water.

## PACKING

Cartouche 290 ml

## STORAGE

Store in the original and tightly closed packaging in a dry place at a temperature of +5°C - +25°C. Shelf life 18 months from the production date.

## SAFETY AND HYGENE OF WORK/ FIRE PROTECTION

Keep out of reach of children. Non-inflammable. It is not classified as dangerous under current law. While working maintain basic health and safety rules. While working, follow basic health and safety rules. Use as intended. Safety Data Sheet available on request.

The product contains a mixture of: Trimethoxyvinylsilane [EC 220-449-8], Aminoethylaminopropyltrimethoxysilane [EC 217-164-6], N-amino-3-aminopropylmethyldimethoxysilane [EC 221-336-6]. May cause an allergic reaction.

Safety data sheet available on request.

**The manufacturer guarantees the product quality, but shall not be liable in terms of its use. The information herein provided is based on the manufacturer's knowledge resulting from many years of observations. This information cannot however replace professional know-how of the contractor and does not exempt the contractor from complying with the rules of the building art and the safety and hygiene at work, thus do not constitute any legal grounds for the settlement of disputes in court. For further questions or doubts, please contact the manufacturer.**