

4.4 Special application adhesive

MS-POLYMER POWER GLUE

Rapid grip super powerful and flexible adhesive without solvents



TECHNICAL SPECIFICATIONS

Base	MS-POLYMER
Form - Color	Paste that does not sag – White
Density	1.50±0.05 kg/lt
Application temperature	From +5°C to +35°C
Temperature resistance	From -40°C to +100°C
Skin formation time	10-15 minutes (20°C, 50% R.H.)
Polymerization rate	3 mm/day
SHORE A hardness (ISO 868)	65
Elongation at break	380% per DIN 53504
Modulus 100%	1.55 N/mm ² per DIN 53504
Tensile strength	2.65 N/mm ² per DIN 53504

CONSUMPTION

Depending on the application.

STORAGE

Store in tightly closed packaging and in dry places, for at least 12 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling under current European and National legislation.

However, it is recommended to keep away from reach of children. If swallowed, seek medical advice and show the container or label.

NOTE

After curing, the product is harmless to health and the environment.

PACKAGING

Carton box with 12 cartridges of 290ml each one

PROPERTIES

Ultra powerful adhesive of MS-POLYMER technology. In many applications it substitutes screws and nails (pic.2,3) for numerous materials.

It has exceptionally powerful adhesion on porous and non porous surfaces, even without primer, on similar and dissimilar materials. Maintains its flexibility and absorbs vibrations.

The product has very high tensile strength (2.65 N/mm²) and is resistant to moisture. Does not contain solvents, isocyanides, and it is odorless. Can be coated with regular (acrylic and emulsion) paints, except alkyd based paints. It does not corrode metals.

APPLICATIONS

MS-POLYMER POWER GLUE is ideal for unbreakable adhesion with excellent initial grip in construction, industry and shipbuilding. Indispensable tool for plumbers, electricians, refrigeration technicians and other specialists, but also for those are involved in repairs and tough jobs at home (pic. 1). The product creates excellent and secure bonding with glass, wood, metal, painted or unpainted aluminum, concrete, plaster, drywall, polystyrene and polyurethane panels, tiles, mirrors, PVC, polycarbonate sheets, ABS and many more.

Use it to install mailboxes (pic. 2), shelves, hooks, bathroom accessories (pic. 3) and toilets bowls, onto ce-

mentitious surfaces, tiles, marble and various stones, avoiding cracks related to drilling for anchoring objects. Simultaneously seals and waterproofs cracks and joints. Suitable for indoor and outdoor use.

LIMITATION OF USE

- Not suitable for adhering PE, PP.
- Not suitable for permanent exposure to water.

USE

1. Surface preparation

The surfaces to be bonded have to be clean, free from loose sections, dust, grease, oils etc.

2. Application

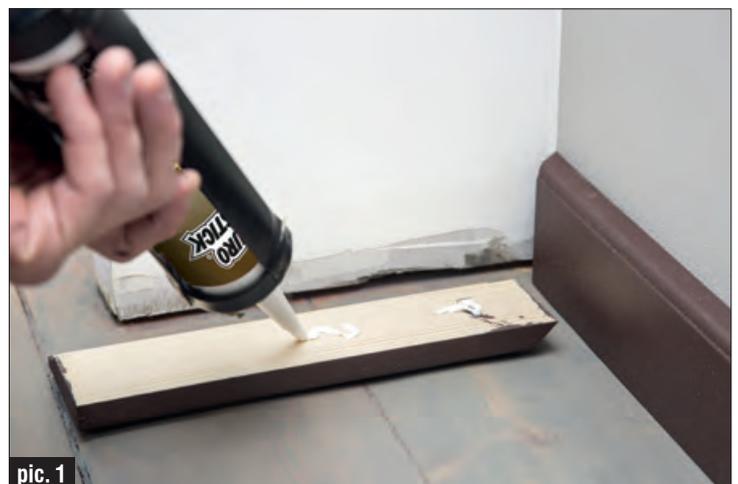
It is highly recommended to apply MS-POLYMER POWER GLUE using the highly durable, heavy duty PROFESSIONAL CARTRIDGE GUN of DURO-STICK. Apply the material in parallel lines, spaced 3-5cm from each other. Join the surfaces to be bonded before any surface film occurs on the product. Avoid exercising any detachment type strength within the first 24 hours.

CLEANING

While the product is fresh, it can be cleaned with gasoline.

Once the product is fully cured and hardened, it can only be removed by mechanical means.

Clean hands with soap and water, immediately after use.



pic. 1



pic. 2



pic. 3