

TECHNICAL DATA SHEET

MS HT EASY



PROMAST MS HT Easy

is a one-component, MS polymer-based elastic mounting adhesive specially developed for bonding lightweight construction and decorative materials. Its high initial grab minimizes slipping in vertical applications and ensures easy application. The solvent-free formulation provides strong, durable adhesion to various substrates, making it suitable for both interior and exterior applications.



Fast
Montage



Initial
Tack



Strong
Bonding



TECHNICAL DATA

■ Basis	MS Polymer
■ Consistency	Stable Paste
■ Curing system	Moisture Curing
■ Tack-free time	15 min
■ Skin formation time * (20 °C / 65% R.H.)	Approx. 10 min
■ Curing speed * (20 °C / 65% R.H.)	> 3 mm/24h
■ Hardness (DIN 53505)	52 Shore A
■ Density	1.63 g/cm ³
■ Temperature resistance	-40°C to +90°C
■ Max. tension (DIN 53504)	> 2.0 N/mm ²
■ Elasticity modulus 100% (DIN 53504)	> 1.5 N/mm ²
■ Elongation at break (DIN 53504)	> 250%
■ Application temperature	+5°C to +35°C
■ Self life	15 Months

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

APPLICATIONS AREAS

- Bonding polystyrene (EPS) and decorative foam elements
- Installation of skirting boards, cornices and decorative mouldings
- Fixing wall panels and decorative cladding
- Bonding ceiling roses, rosettes and decorative profiles
- Mounting lightweight decorative elements made of wood, MDF, PVC and similar materials
- General lightweight mounting and decorative applications, both indoors and outdoors

SPECIFICATIONS

- High initial grab
- Easy application
- Non-sagging formula
- Elastic and durable bonding
- Solvent-free
- Paintable
- Suitable for interior and exterior use

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REMARKS

- Promast MS HT Easy can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, like polycarbonate, etc, may differ from manufacturer to manufacturer, we recommend preliminary compatibility test.
- While producing plastics very often releasing agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding. For optimum adhesion the use of Surface Activator is recommended.
- Promast MS HT Easy can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Promast MS HT Easy can be used for bonding of natural stone, but it cannot be used as a joint sealant on this type of surface. Promast MS HT Easy can therefore only be used on the bottom of natural stone tiles.
- When applying, make sure that the surface of the materials is not smudged with sealant.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Promast MS HT Easy has a good UV resistance but can discolour under extreme conditions or after very long UV exposure.
- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion.
- Do not use in applications where continuous water immersion is possible.

CHEMICAL RESISTANCE

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

SURFACE PREPERATION

-Surfaces which contact with adhesive must be clean and dry and not contain any oil, dust or rust. Non-porous surfaces must be cleaned in advance with a suitable solvent. Applied solvent must be wept well from the surface without allowing it to evaporate. Primer is not needed before the application.

APPLICATION METHOD

With manual - or pneumatic caulking gun.

PACKAGING (Volume)

280 ml cartridge

SHELF LIFE

15 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

COLORS



White



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