

# TECHNICAL DATA SHEET

## MS HT



### Montage Adhesive

Promast MS HT (High Tack) is a single component, environment friendly Adhesive for rapid bond Montage requirements. Promast MS HT has very high initial tack, providing excellent instant grab and hold with a high load carrying capacity. Promast MS HT does not contain any solvents and/or isocyanates.



Fast  
Montage



Initial  
Tack



kg/10 cm<sup>2</sup>



### TECHNICAL DATA

■ Basis	MS Polymer
■ Consistency	Stable Paste
■ Curing system	Moisture Curing
■ Tack-free time	Ca. 5 mins
■ Skin formation time * (20 °C / 65% R.H.)	Ca. 10 mins
■ Curing speed * (20 °C / 65% R.H.)	3 mm /24h
■ Hardness (DIN 53505)	60 ± 5 Shore A
■ Density	1,52 ± 0,05 g/ml
■ Temperature resistance	-40 °C → 90 °C
■ Max. tension (DIN 53504)	> 3,50 N/mm <sup>2</sup>
■ Elasticity modulus 100% (DIN 53504)	> 1,70 N/mm <sup>2</sup>
■ Elongation at break (DIN 53504)	> 400%
■ Application temperature	5 °C - 35 °C
■ Self life	15 Months

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

### APPLICATIONS AREAS

- Fixing almost all type of objects; such as curtain rails, washbasins, door frames, bathroom accessories, garden accessories, etc. without the use of drill or nail;
- Excellent and instant adhesion to almost all materials to all materials; including all metals, ceramic tiles, concrete, all types of wood, brick, plastic, etc.
- Fixing construction boards; such as, plywood, laminated timber, OSB, chipboard
- Fixing insulation materials; such as, polystyrene, mineral wool, fiberglass, polyurethane.
- Fixing window frames, doorsteps, and decorative frames.
- Heavy accessory mounting.
- Glass and mirror fixing.
- Baseboards fixing.

### SPECIFICATIONS

- Excellent and instant adhesion to various materials; natural stones, plastics, metals, concrete, ceramics, tiles.
- Non-staining on natural stones, marbles, granites and such substrates.
- Not affected by surface moisture during curing, does not bubble.
- Does not contain any toxic materials, odorless.
- Excellent color stability, non-yellowing.
- Can be applied even under water.
- High initial grab - 5 seconds.
- Excellent UV resistance.
- Load capacity: 350 kg / 10cm<sup>2</sup>

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- Permanent elasticity.
- Primeless adhesion.
- Perfect adhesive.
- Over-paintable.
- Non-sagging.
- Weatherproof.
- Non-shrinking.

### REMARKS

- Promast HT 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 HT can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Promast HT can be used for bonding of natural stone, but it cannot be used as a joint sealant on this type of surface. Promast HT 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 remainigs 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 HT 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 sadhesive 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)

290 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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