



# MS55 HIGH TACK

## TECHNICAL DATA SHEET

### 1 – DESCRIPTION

**MS High Tack;** is an APT -based, one component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding heavy building materials without the use of clamps and/or fixing tape.

### 2 – PROPERTIES

- Waterproof
- Free from solvent and odorless
- One Component
- Over-paintable
- No bubble formation
- No shrinkage
- Does not need primer (preliminary test recommended)
- Excellent elasticity and very good adhesion strength
- Does not contain solvent, silicone or isocyanate
- **Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.**
- **Conforms to French A+ VOC emission regulations.**

### 3 – APPLICATION AREAS

Common application areas are:

- Wall cladding elements and ceiling panels
- Sound isolation panels (mineral wool, wood-wool cement & plastic foams)
- Thermal isolation panels (PUR, PIR, PS)
- Casings and frames in building construction
- Wooden and plastic laths, ornaments and frames
- Doorsteps, window sills, skirting boards and cover plates
- Complete construction elements (such as roofing and facade elements) in frames

#### 4 – APPLICATION

- Before the application, the tip of the cartridges is cut and a plastic cap is fixed.
- The tip of the cap is cut according to the width of the surface and fixed to the cartridge gun.
- Apply the adhesive in strips or dots to the base or on the element to be bonded. The strips must be applied in vertical rows.
- Bring together the parts to be joined as quickly as possible, at least within 10 minutes (this depends on the temperature and relative humidity level). The parts can at this stage still be adjusted, but finally it should be pushed down well over the other or tapped with a rubber hammer.
- Any adhesive that may protrude along the edges can be removed using a stopping knife. Adhesive residue that has not yet dried, can be removed using white spirit or alcohol. Dried adhesive must be removed mechanically.
- Joint width/depth ratio should be 2:1.

#### Consumption (approx.)

Joint Width	10mm	15mm	20 mm
Joint Depth	5mm	8mm	10 mm
Efficiency /290 ml	6 meters	2.5 meters	1.5 meters

#### 5 – SHELF LIFE

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets at between +10 °C and +25 °C in moisture free conditions.
- The opened products should be consumed immediately.
- Shelf life is maximum 12 months conditional to complying with the aforementioned storage conditions.

#### 6 – PACKAGING

<i>Product</i>	<i>Volume</i>	<i>Package</i>
White, Grey, Black	290ml	12
White, Grey, Black (Sausage)	600ml	12

#### 7 – NOTES

- The application surface should be clean, dry and grease- and dust-free.
- MS High Tack may be applied to a variety of substrates. It bonds without primer on almost all materials occurring in the building industry. If not sure, we recommend a preliminary compatibility test.
- The contaminated areas and used tools should be cleaned with white spirit or alcohol. It is cleaned only mechanically after cured.

## 8 – SAFETY

- For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## 9 – TECHNICAL PROPERTIES

<b>Chemical Base</b>	<b>: MS Polymer</b>
<b>Curing System</b>	: Moisture
<b>Density</b>	: 1.49 ± 0.03 gr/ml
<b>Appearance/Color</b>	: Paste, White, Black or Grey
<b>Tack Free</b>	: 15-20 min (23°C and %50 R.H.)
<b>Curing Rate</b>	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
<b>Sagging (ISO 7390)</b>	: 0 mm
<b>Shore A Hardness (ISO 868)</b>	: 55 ±5
<b>Elongation at Break % (ISO 37)</b>	: ≥ % 300
<b>Volume Loss</b>	: < -%3 (23°C and %50 R.H.)
<b>Tensile Strength (ISO 37)</b>	: 3,0-3,5 N/mm <sup>2</sup>
<b>Heat Resistance</b>	: -40°C and +90°C
<b>Application Temperature</b>	: +5°C and +40°C

### LEGAL WARNING

The information provided here on ADROIT products, and in particular the recommendations regarding their application and end-use, are given in good faith based on ADROIT's current knowledge and experience when these products are properly stored, handled and applied under normal conditions and in line with ADROIT's recommendations.

Products, application surfaces and application areas are quite diverse in practice. For this reason, when using ADROIT products, be sure to apply the right product in the right conditions and in the right place, and strictly follow the information and instructions given by ADROIT regarding commercial availability and/or fitness for a particular purpose. Otherwise, ADROIT is not responsible for any damages that may occur.

The user (user) of the product should test the suitability of the product for the application and purpose for which he intends to use the product. ADROIT reserves the right to change the features of its products. The property rights of third parties must be respected.

Acceptance of all orders is based on our current terms of sale and shipping. Users should always consider the latest edition of the local Product Information File of the relevant product, which can be obtained by contacting ADROIT.