



MS ALLBOND HIGH TACK

Akfix All Bond MS High Tack is a MS polymer-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.

FEATURES & BENEFITS

- **High initial grab,**
- **Does not contain solvent, silicone or isocyanate,**
- **Semi-elastic bonding,**
- **Very good UV resistance**
- **Excellent elasticity and very good adhesion strength**
- Over-paintable with water based paints,
- No bubble formation
- No shrinkage
- Primer less adhesion on many different substrates (preliminary test recommended)

APPLICATION AREAS

- **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 frame.**

INSTRUCTIONS

- 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



**Bond Heavy
Building
Materials without
Clamps or Fixing
Tapes**



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

Surface Preparation

Following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol or MEK
Aluminium, light alloys and stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Wood	Lightly abrade surface then remove dust
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete and other alkaline Surfaces	Brush and remove dust

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.
- The French VOC requirements for class A+
- CE marked for EN 15651 for façade applications.

RESTRICTIONS;

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Akfix Allbond High Tack can be applied to a variety of substrates directly. If not sure, we recommend a preliminary compatibility test.



STORAGE AND 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 9 months conditional to complying with the aforementioned storage conditions.

SAFETY & DISPOSAL

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.

PROPERTIES

Chemical Base	: MS Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°C and %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55 ±5
Elongation at Break % (ISO 37)	: ≥ % 300
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 3,0-3,5 N/mm ²
Shear Stress	: 3121-3237 Pa.
Viscosity (Pa.s)	: 3052-3166 Pa.s at 25°C
Viscosity (cps)	: 3052000- 3166000 Cps at 25°C
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

PRODUCT

Product Type	Volume	Package
White	290 ml	12
White	600ml	12

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.