

Allbond

MS POLYMER Universal

Akfix Allbond MS Universal; is a high quality universal hybrid sealant & adhesive based on MS polymer

Properties

Waterproof; becomes elastic and soft with air humidity. One Component. Over-paintable. No bubble formation. No shrinkage. Excellent elasticity and very good adhesion strength. Does not contain solvent, silicone or isocyanate.

Application Areas

Connection joints in sheet metal fabrication, sealing of air conditioning systems. Elastic bonding in vibrating constructions Sealing of floor joints and low movement wall joints. Sealing joints in containers, cisterns, silos etc.

Technical Properties

Chemical Base	: MS Polymer
Curing System	: Moisture
Density	: 1.40 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black and Gray
Tack Free	: 20-50 min (23°C and %50 R.H.)
Curing Rate	: Min. 2 mm/ 24 hr (23°C and %50 R.H.)
Sagging	: 0 mm (ISO 7390)
Shore A Hardness	: 45 ±5 (ISO 868)
Elongation at Break %	: ≥ % 200 (ISO 37)
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength	: Min. 1,5 N/mm ² (ISO 37)
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C



ALL MATERIALS & ALL SURFACES



ECO Friendly



Code	Volume	Color/Type	Package
AMS22	290 ml	White	12
AMS23	290 ml	Black	12
AMS24	290 ml	Gray	12
AMS32	600 ml	White/Sausage	12
AMS33	600 ml	Black/Sausage	12
AMS34	600 ml	Gray/Sausage	12

Allbond

MS POLYMER High Tack

Akfix Allbond MS HighTack; is an 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.

Properties

High initial tack. 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.

Application Areas

It is specially developed as a universal adhesive for bonding various building materials. It is suitable for elastic bonding of panels, profiles and other pieces on the most common substrates such as: stone, concrete, mirrors, glass, plasterboard, PU, PVC, polyester, plastics, email, ceramic, copper, lead, zinc, aluminium, metals, R.V.S., wood, HPL and cement fibre panels etc.

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.

Technical Properties

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



ALL MATERIALS & ALL SURFACES



ECO Friendly



Code	Volume	Color/Type	Package
AMS55	290 ml	White	12