WOOD WORKING PRODUCTS

MS Polymer • PU Adhesive • PUR Wood Glue
Acrylic Adhesive • Hot Melt Adhesive • PVA Glue

Creates Permanent Solutions

www.akfix.com • info@akfix.com
ALLBOND
MS HIGH TACK

Single component MS polymer based adhesive

Strong adhesive with initial tack suitable for very heavy materials on almost all surfaces

**PROPERTIES**

- 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

**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

**ECO Friendly**
MS TEAK DECK CAULK
Single component MS polymer based adhesive sealant
Waterproof sealing and bonding of teak wood on decks

APPLICATION AREAS
• Sealing of connection joints between teak decks and variety of decking substrates.
• Waterproof sealing of teak wood decks in nautical applications
• Excellent primerless adhesion on joining elements made from wood, concrete, metals, plastics, polyester, PVC, polycarbonate, glass and porous surfaces.
• Preliminary test is recommended for some plastics if necessary

PROPERTIES
• Chemically resistant to fresh water, salt water and diluted acids,
• UV, ageing, moisture and extreme weather resistance
• Eco-friendly, free from isocyanate, solvent, acids and halogens,
• Highly elastic in low and high temperatures,
• Excellent primerless adhesion to numerous porous and non-porous substrates,
• Sandable after curing,
• Fast curing, low odor and non-sag properties.
**APPLICATION AREAS**

- It has a good adhesive strength without primer on most common materials such as aluminum, zinc, galvanized steel, stainless steel, copper, natural stone, concrete, brick, etc.
- For crystal clear elastic bonding in construction and building applications.
- Invisible bonding and sealing of glass and other transparent materials in indoor applications.

**PROPERTIES**

- Crystal clear permanently elastic formulation,
- High bond strength nearly on all surfaces even if slightly humid,
- Very good mechanical properties,
- Do not contain solvent, silicone, isocyanate, halogens or acids,
- Good extrudability even at low temperatures,
- Over-paintable with water based paints,
- Primerless adhesion to numerous porous and non-porous substrates,
- No shrinkage, Does not crack or discolor

**APPLICATION AREAS**

- It has a good adhesive strength without primer on most common materials such as aluminum, zinc, galvanized steel, stainless steel, copper, natural stone, concrete, brick, etc.
- For crystal clear elastic bonding in construction and building applications.
- Invisible bonding and sealing of glass and other transparent materials in indoor applications.
# APPLICATION AREAS

- It is suitable for the bonding of a very wide range of materials, including acidic surfaces and some porous ones, where rapid bonding times are required.
- Suitable for MDF, wood, chip wood, rubber, most plastics, leather and other common substrates.
- Especially suitable for the applications where cure speed needs to be accelerated.
- Although Akfix 705 has a degree of gap filling ability, it is generally recommended for use on close-fitting parts and fairly smooth, even surfaces.

# UNIVERSAL FAST ADHESIVE

An adhesive set which consists of high viscosity cyanoacrylate adhesive and activator.

Excellent rapid wood to wood adhesion

### PROPERTIES

- High bonding strength.
- Suitable for use on vertical surfaces as it will not drip or slump.
- It is particularly suited to bonding difficult substrates which have a porous or uneven nature since it increases bonding strength by preventing the adhesive to be absorbed by the surface.
617W
PU EXPRESS WOOD ADHESIVE
(TRANSPARENT)
An one-component polyurethane based water resistant adhesive.

A premium choice for moisturized areas

PROPERTIES
- Moisture and weather resistant after cured,
- D4 water resistance class according to DIN EN 204,
- Fast curing but also gives the ability to make adjustments
- Low press time, • Low consumption, economical,
- It can be used on slightly damp surfaces,
- Usable in both vertical and horizontal surfaces cause of its non-slump properties,
- Provides chemical resistance,
- One component, easy to use and dispose,
- Transparent • No odor.

APPLICATION AREAS
- A premium choice for moisturized areas,
- In every kind of wood work; from furniture to marine industry and to window and door frame, door and stairs production,
- Useable with wide range of porous and non-porous material like wood, plywood, concrete, brick, PVC, granite, marble, natural stone, glass, polycarbonate, metal, ceramic etc.
- Also good for mounting isolation, decorative polystyrene and wall panels.
It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

**APPLICATION AREAS**

**PROPERTIES**

- Fast curing
- Low press time
- Transparent
- Extremely high bond strength on numerous substrates.
- Thixotropic, non-sag, ideal for vertical joints.
- Low consumption, economical
- Good filling properties
- Conforms to D4 according to DIN EN 204
- Easy to use
- Very good resistance to chemicals.
- Excellent resistance to moisture and weather conditions.
- Nonshrinking
- Low odour
- Usable in slightly wet substrates
310 MONTAGE ADHESIVE (INSTANT GRAB)

An acrylic water-based adhesive used for bonding numerous building materials.

High adhesion power and solventless formula

PROPERTIES

- Acrylic dispersion based
- Good gap-filling capacity on rough surfaces
- Suitable for both indoor and outdoor applications
- Weatherproof
- Over paintable
- Low odour
- Solvent-free

APPLICATION AREAS

- Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc.
- Mounting wooden construction elements, wood and plaster panels, plaster ornaments.
- Mounting decorative wooden trimmings
- Repairing cracks in plaster.
- Quick repairs on walls and plaster.
PA360
PUR WOOD GLUE

A one-component polyurethane based adhesive that cures with moisture in the air.

Easily applicable on slightly humid wood surfaces

PROPERTIES

• Easy application, low viscosity
• High bond strength
• Water resistant (D4-DIN EN204)
• Can be used on slightly humid surfaces
• Resistant to temperature extremes
• Resistant to moisture and chemicals

APPLICATION AREAS

• Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc.
• Furniture and boat production.
• All bonding applications that need a high water resistance.
PA370
PUR EXPRESS WOOD GLUE
TRANSPARENT

A one-component fast curing polyurethane based adhesive that cures with moisture in the air

Fast bonding speed let’s you save time on your wood works.

PUR EXPRESS WOOD GLUE

PROPERTIES
- Fast curing.
- Low press time.
- Transparent.
- Extremely high bond strength on numerous substrates.
- Conforms to D4 according to DIN EN 204.
- Easy to use.
- Very good resistance to chemicals.
- Excellent resistance to moisture and weather conditions.
- Nonshrinking.
- Low odour.
- Useable in slightly wet substrates.

APPLICATION AREAS
- Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam and other plastics.
- Furniture and boat production.
- All bonding applications that need a high water resistance.
PA380
HEAVY DUTY PUR MARINE GLUE

A one-component high viscosity polyurethane based adhesive

Marine grade quality (Water & Fire Resistant)

PROPERTIES

• Water-resistant and weatherproof: Withstand temperature and seasonal changes and suitable for both interior and exterior applications.
• Retards fire.
• Low-foam.
• High adhesion strength. Suitable for wood based materials, metals, natural stones, ceramic, rubber etc.
• Can be sanded and painted after curing.
• High viscosity: Easier to use on vertical surfaces compared to standard liquid adhesives.
• Long open time: gives sufficient working time.

APPLICATION AREAS

• Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc.
• Furniture and boat production.
• All bonding applications that need a high water resistance and fire retardant properties.
**APPLICATION AREAS**

- Suitable for gluing all types of wood, wooden materials and flat laminates,
- Wood to wood, soft- and hardboard, synthetic resin board and chipboard,
- Suitable for fixing paper, cardboard, paper or textile-backed PVC cloth to wood and board,
- May also be used to bond outdoor timber constructions such as window-frames and external doors,
- Particularly suitable for moisture-resistant bonds which have to fulfil high demands.

**D3 PVA WHITE GLUE**

A one-component PVAc based water resistant adhesive. Fast setting and water resistant glue for wood working. Secure usage even under damp conditions.

**PROPERTIES**

- Conforms to D3 according to DIN EN 204.
- Excellent bond strength on hard, and soft woods
- Water based
- Easy application

**APPLICATION AREAS**

- Suitable for gluing all types of wood, wooden materials and flat laminates,
- Wood to wood, soft- and hardboard, synthetic resin board and chipboard,
- Suitable for fixing paper, cardboard, paper or textile-backed PVC cloth to wood and board,
- May also be used to bond outdoor timber constructions such as window-frames and external doors,
- Particularly suitable for moisture-resistant bonds which have to fulfil high demands.
D2
PVA GLUE SUPER FRAME WORK

Very strong PVA based wood adhesive.
Moisture tolerant wood adhesive which becomes transparent when it gets dry.

PROPERTIES
- High bond strength on numerous substrates
- Water based
- Easy application
- Dries transparent

APPLICATION AREAS
Suitable for bonding wood, decorative laminates, chipboard, blockboard etc. which have limited exposure to high humidity.
HOT-MELT ADHESIVE

A general purpose synthetic resin and EVA based hot melt adhesive of thermoplastic characteristic.

Eco Friendly solution for edge banding, coating and massive adhesion operations

**PROPERTIES**

- Appropriate when immediate bonding is required.
- Environmentally friendly and economical.
- High green strength.
- Non-sticky surfaces.
- Odourless and easy to use.

**APPLICATION AREAS**

It is recommended that ambient temperature should be above 15°C, air moisture 65-75% and material moisture 8-10% during application, and the adhesive should spread throughout one side of the object to be adhered.
HM 220
Straight Edge Banding
180-200°C

HM 226
Curve Edge Banding
120-140°C

HM 774
Straight Edge Banding
190-210°C

HM 788
Straight Edge Banding
180-200°C
PA550
PVC MEMBRANE PRESS ADHESIVE

New generation membrane press adhesive for fixing PVC, PP, PET, ABS onto especially MDF.

For usage on high gloss furniture in kitchen, bathroom, wardrobe shutter and door

**Properties**

- Easy to apply, has a low viscosity.
- Quick drying.
- Water resistant
- Synthetic and natural materials, excellent bonding.
- Low and high temperatures do not lose strength.
- Moisture and chemical resistant.
- Heat-sensitive film with high adhesion for the low activation temperature.
- Not harm the environment and human health.

**Application Areas**

- Permanent adhesion for durable fixation.
- Excellent heat resistance to prevent delaminating in hot conditions
- Outstanding bonding properties on most synthetic and natural materials
- Enabling you to get perfect and smooth surface for high gloss finishes
- High initial bond strength and low activation temperature for heat sensitive films
AS608 WOODFLEX

Single component acrylic dispersion gap filler.

Premium quality elastic acrylic sealant for excellent finishing works on wood applications.

PROPERTIES

- Solvent free,
- Very low VOC content
- Colourfast and waterproof after curing.
- Can be varnished and sandable after curing,
- Withstands surface movement up to 15%,
- Very good adhesion on many porous surfaces,
- Very easy to apply.

APPLICATION AREAS

- Sealing of joints between wooden floors and walls,
- Sealing of laminate flooring,
- Sealing of joints between floors and skirting boards,
- Suitable for cracks in wooden floors.
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