

# CHEMIMOUNT MULTI-FIBRE MOUNTING ADHESIVE

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## PRODUCT DESCRIPTION

**CHEMIMOUNT Multi-Fibre Mounting Adhesive** is a high-resistance adhesive, based on polyurethane, reinforced with glass fibers, with high bonding power.

## CHARACTERISTICS

- ✓ Professional quality
- ✓ Fiber reinforced
- ✓ High water resistance (EN 204 D4).
- ✓ Fast healing and excellent grip strength
- ✓ Excellent thermal resistance (EN 14257 – Watt 91)
- ✓ Adhesion on various types of wood and construction substrates, ceramics, metals, different types of plastics.
- ✓ Semi-rigid bonding joint
- ✓ Solvent free
- ✓ Can be painted and sanded
- ✓ Weather and aging resistant
- ✓ Thixotropic, does not flow
- ✓ Does not lose volume and expands slightly during curing

## TECHNICAL SPECIFICATIONS

Property	Value
Chemical Base	Monocomponent polyurethane
Appearance	Pasty
Color	Opaque
Viscosity at +20°C	Low viscosity paste
Density at 20°C	aprox. 1,14 g/cm <sup>3</sup>
Film formation time - dry (20° e 50% h.r.) amount applied 500 µm-PE/PVC	7 minutes
Film formation time - wet (20°) sprayed with water; applied quantity 500 µm-PE/PVC	3 minutes
Cure (23° e 50% h.r.)	> 2 mm/24h
Functional strength e.g. solid wood bonding at +20°C	aprox. 20 min
Glue and substrate processing temperatures	+7 °C a +30 °C
Hot adhesion according to DIN EN 14257 (WATT 91)	aprox. 10,5 N/mm <sup>2</sup>

Results tested in the laboratory.

## APPLICATIONS

For bonding even with heavy loads due to its reinforcement with glass fibers, carpentry in general, construction of stairs, doors and windows in aluminum or wood.

Gluing corner joints in aluminum or wood.

For various montage collages.

Compatible with natural stone.

Various industrial sectors

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## METHOD OF APPLICATION

### PREPARATION

- Surfaces must be very clean and dry, degreased and free of friable particles that could hinder adherence. You can use acetone, alcohol or degreaser to clean the substrate.
- Check the compatibility of **CHEMIMOUNT Multi-Fibre Mounting Adhesive** with the substrates and if necessary, apply a primer.

### APPLICATION

- The glue is applied in a strip on one side of one of the parts to be joined.
- When gluing non-absorbent materials together (material moisture <8%), the glue must be "finely sprayed" with water to obtain full hardening.
- Parts must be joined within the skinning times.
- After joining, the parts must be fixed/compressed until functional soundness is achieved.
- Excess glue must be removed while still fresh.
- For joint thicknesses >2.5 mm, the drying, compression and complete hardening times are clearly superior, and bonding cannot be performed with a glue thickness at the joint  $\geq 5$  mm.
- The application temperature must be between +7°C and +30°C.
- **CHEMIMOUNT Multi-Fibre Mounting Adhesive** can be applied with a manual or pneumatic gun.

### CLEANING

- Tools can be cleaned with acetone before the sealant cures. After curing, it can only be removed by mechanical action.

### PAINTING

- Glued parts should only be painted after the glue has completely hardened; if they are painted beforehand, bubbles may form in the paint.

## RESTRICTIONS OF USE

Polyolefins (among others PE, PP) cannot be bonded without prior treatment, eg plasma treatments or corona effect.

When bonding to rigid polystyrene surfaces, it is always recommended to apply a primer.

## SAFETY INFORMATION

The product must be used by trained personnel in specialized companies!

It must be used in ventilated areas, avoiding contact with the skin, eyes and mucous membranes. Keep out of the reach of children.

For further information and advice on safe handling, storage and disposal of chemicals, the user should refer to the most recent version of the Material Safety Data Sheet which contains physical, ecological, toxicological and other safety-related data.

## STORAGE CONDITIONS AND SHELF LIFE

Store in a cool, dry, well-ventilated environment between +5°C and + 25°C, away from sources of heat and moisture.

Shelf life 48 months if stored under recommended conditions, otherwise shelf life may be shortened.


## CERTIFICATIONS

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- ❖ When bonding wood to wood, it reaches load group D4 in accordance with DIN EN 204
- ❖ When bonding wood to wood, according to DIN EN 14257 (WATT 91), it achieves a thermal resistance of 10,5 N/mm<sup>2</sup>

French VOC emission class A+

## PACKAGING

SAP	SPECIFICATION		Volume ml	EAN
CH07010001	CHEMIMOUNT MULTI-FIBRE MOUNTING ADHESIVE	12	310	5608907432617

**Note:** This technical sheet cancels and replaces others previously issued for the same product. The technical information given, verbally or in writing, is based on our current knowledge, given in good faith and supported by various laboratory tests. Taking into account the diversity of factors that may affect the product during its use, as well as the various application techniques, the user is responsible for confirming and carrying out his own tests and experiments, whether the product is suitable for the process and type. of use in question. For these reasons, any application of the product is carried out under the sole responsibility of the user, and CHEMITOOL-LUSAVOUGA S.A. cannot. be liable for any losses or damages, directly or indirectly resulting from the application. All features, specifications and product images are subject to change without notice.

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