

TECHNICAL DATA SHEET - MOLDINGS

1. MATERIAL

Product name: Moldings

Constituent material:

High-density, rigid polyurethane foam

100% without CFC, formaldehyde free, no hazardous ingredients

Density:

Approx. 10.9 pounds/cu ft

Dimensionally stable, less than 3% water absorption when immersed in 92°F water for 180 hours

Factory finish: Matt white acrylic primer to be painted

2. SPECIFIC PROPERTIES

Visible surfaces: The manufacturing technique guarantees a hard and smooth surface, with sharp edges, and the exact reproduction of the motif.

Dimensions: Length of a molding: 7'10-1/2"

Thermal and hygrometric dilatation: Tests have shown that the material has a behavior close to that of wood: its dimensions can undergo the influence of variations of temperature and more particularly of humidity. The same precautions of use are applied.

Compliance with fitting and storage requirements and good gluing are enough to ensure the quality and the lasting of the product.

3. USE

Fitting and storage conditions: For the best result, the product will be fitted and stored in conditions close to those of final use. Fitting on a wet backing surface (fresh plaster) and in forced drying conditions (heat gun, dehumidifier, exceptionally high temperature) are to be ruled out.

Backing: The following backing surfaces are suitable: indoor plastered or papered surfaces, coated plaster, cement, wood, etc.

Surfaces must be clean, dry, free from dust, degreased and flat; rough down if necessary.

If the product is to be applied to particular backing surfaces, please consult our technical department.

Adhesive and joints: Adhesive compound for moldings:

The optimum thickness of the construction adhesive is 1/16" (1 mm).

Apply adhesive to the whole of the joints and surfaces to be glued.

Leave a 1/16" to 1/8" (3 mm) joint filled with adhesive at each join.

Like any adhesive, the adhesive compound is not used below 46°F (8°C), above 86°F (30°C) or in strong direct sunshine.

Surface work: Moldings can take all paints thanks to the coat of primer applied at the factory, except for silicate products.

4. SPECIAL INSTRUCTIONS

Regulation concerning dangerous substances: Polyurethane products are to be classified neither under “very toxic” nor under “toxic”, according to the regulations concerning dangerous substances.

Environmental protection: Products are free from solvents, formaldehyde, C.F.C. and their manufacturing process respects the environment.

Flash Point – N/A avoid open flame – no unusual fire or explosion hazard
Special ALBI FRL-X Flame Retardant coatings can be applied – see below
Extinguish Methods – dry chemical, CO₂, Foam or water

5. Safety & Handling Control Measures

Respiratory Protection: No Respirator Needed

Ventilation: Adequate ventilation when cutting or sanding is required

Protective Gloves: Not necessary, but suggested

Eye Protection: Safety glasses with eye shields when cutting or moving.

Other: Eye wash station should be available when cutting or sanding

Important Notes:

The elements are strictly decorative to the exclusion of any structural function; they are not designed to withstand loads and should be isolated by flexible joints from elements likely to convey strains or movements.

Albi Cote FRL-X is a water-based, co-polymer fire retardant paint (intumescent coating), which provides excellent fire retardant properties. Albi Cote FRL-X is odor-free and offers the advantages of easy application and cleanup. This durable fire retardant coating provides a serviceable, wash-resistant flat finish for a wide variety of interior applications. Designed for interior use, Albi Cote FRL-X is a quick drying special coating that reacts to flame or heat at 300 °F (149 °C) by expanding into a thick multicellular insulating blanket. This intumescent carbonaceous foam sharply limits the spread of flame and insulates the surface to which it is applied. Albi Cote FRL-X provides a decorative, washable and mar-resistant finish like conventional paint, with the added advantages of a Class A fire retardant paint (coating)

Note: This technical data sheet has been drafted in accordance with the current state of our knowledge. We reserve the right to make changes without prior notice. Without a written agreement to the contrary, our studies, descriptions, notices, advice, or other technical documents concerning the functionality, behavior or performance of goods are supplied as an indication only according to the common use of the goods under normal conditions of application, use and climate. Save for existence of fraud or gross negligence on our part, these studies, recommendations, and other technical documents do not engage our liability. It is the customer's responsibility to check that they are suitable for the intended use.