



SAM MOULDINGS
MOULDING THE FUTURE TODAY



Technical information for SAM® MDF Veneer Wrapped Mouldings

Conditioning

It is recommended that SAM® MDF mouldings are allowed to remain in the fixing environment for approximately 24 hours before use. It is recommended not to fix SAM® MDF mouldings to damp plaster or any other damp materials and to avoid high humidity conditions.

Fixing Instructions

Before being fixed in place, any cut edges or other unsealed areas should be carefully sealed by the fixer with at least one coat of proprietary wood primer complying with BS 5358 or one coat of polyurethane or acrylic varnish.

When cutting or mitring wrapped product, use a fine tooth saw and cut from moulded face into the profile to avoid excessive rough edges and fibres occurring on the visible surface.

SAM Mouldings recommends the use of adhesives and as with primed MDF, most modern glues and panel adhesives work well, but manufacturers' recommendations should be followed in cases of porous damp surfaces. Caution is advised to avoid overspill of adhesive onto the face of the moulding as the veneer could be stained.

If using nails for fixing, they should be punched in below the surface and not inserted nearer than 12mm from any edge. Fix at maximum 900mm centres. For nailing through a moulded profile, lost head pins are recommended and caution is advised to avoid danger of surface damage when nailing. For door framing, It is helpful, but not essential, to drill prior to fixing. Linings should be fixed at maximum 600mm centres.

Filling

Any visible nail or counter-sunk screw fixings should be filled using good proprietary quality shrink resistant non-water based filler suitable for the wood species being used. Alternatively, solid wood plugs again matching the wood species may be used. The filled area should then be sanded smooth with a fine abrasive paper (grit range 320-600) prior to staining / finishing.

Finishing

When varnishing, check with a finish manufacturer. Polyurethane or an acrylic woodstain varnish / lacquer are a good choice when finishing your mouldings as they have excellent moisture and vapour resistance. Water based stains and finishes are not recommended for finishing wrapped veneer product.

Please note that when varnishing / lacquering, the veneered surface may darken substantially in colour.

Other Points to Note:

- Please note that real wood veneers are a natural timber product therefore colour variations may occur between batches of veneers
- Due to the high level of tannic acids in some woods such as oak or cherry etc, a black stain may be formed when the veneered surface gets wet or damp or reacts to detergents.

Be Safe When Fixing

Use dust control equipment when sawing, cutting, or drilling SAM® MDF Mouldings.

Work in a well-ventilated area.

Prevent excessive build up of dust and maintain good housekeeping.

Keep MDF dust away from ignition sources.

When extraction is inadequate or impractical, wear face mask and eye protection as detailed below.

Equipment:

Specification:

Disposable Facemask
Half Mask
Safety Goggles

EN 149 type FFP2
Filter to EN 143 type P2 Mask to EN 140
BS EN 166 9B

First Aid

Inhalation of wood dust: Move to Fresh air and clean nasal passages.
Contamination of eyes with wood dust: Flush with tepid water for 15 minutes

Health & Safety

All of the products manufactured by SAM Mouldings are processed according to the regulatory requirements (COSHH, 2002 regulations) by using mechanical extraction equipment and good housekeeping.

All products conform to:

BS EN 622-5 Classification of wood fibreboards

Class-A Classification for Formaldehyde emissions, which are below or equivalent to 9mg/100mg of board

European Standard PR EN 622-1

SAM® MDF Door linings & casings fire resistant tested to BS 476: Part 22: 1987