

AV 180

HIGH STRENGTH MDF BOARD AND JOINERY ADHESIVE

8 December 2017

YOUR SMART ADVANTAGES

- Very High Bond Strength
- Non flammable
- Clean Up with water
- Single Pack

DESCRIPTION

AV 180 is a unique one pack water based adhesive which has been designed to complement the high quality properties of MDF Board. **AV 180** has fast 'wet tack', is quick drying and has excellent machining and sanding properties. The bonds formed are very strong and heat resistant and the glue line will accept the stains and lacquers recommended for MDF Board.

USES

- Assembly and joining of MDF board for furniture and cabinet making
- Laminating MDF Board for turning and shaping
- Bonding of Pine timber in furniture manufacture

APPLICATION INSTRUCTIONS

Ensure adequate tests are conducted before using commercially. Mix thoroughly before use.

Surface Preparation

Wood surfaces to be glued must be clean, dry, free of dust, oil, grease and all finishes. Joints should be close fitting. The work area, glue and substrate for bonding should be at least 15°C. The moisture content of the wood should be between 8% and 12%.

Application Instructions

1. Apply adhesive to both surfaces at between 3-5m²/Litre of glue and clamp assembly firmly and evenly while adhesive is still wet.
2. Clamps may be removed after a minimum of 1 hour at 20°C, depending on the moisture content/density of the materials being bonded.
3. Assembled parts should be left 24 hours to allow for complete curing of the glue line before further processing.

4. Any squeeze out of the adhesive from the joint, can be removed with a clean damp cloth prior to setting or sanded off after complete cure. The method is chosen to suit the application.

It is recommended that trials be conducted to determine the clamp time for a particular species / substrate.

Clamping Pressures

MDF Board - Normal assembly pressures are sufficient for furniture manufacture.

Softwood 50 PSI

Hardwoods 150 PSI

i.e. enough pressure to bring joints tightly together with some glue "squeeze out".

LIMITATIONS

Do not use for structural or load bearing applications.

PRODUCT CHARACTERISTICS

Type	Proprietary
Solids	Medium
Viscosity	Medium
Open Assembly Time	3 mins @ 20°C
Closed Assembly Time	10 mins @ 20°C
Clamp Time	30 - 60 mins @ 20°C depending on substrate (Dense - 60 mins)
Product code	
5 Litre / 4 Carton	30840590
20 Litre	30840591

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STORAGE & SHELF LIFE

Store in a cool, dry place, out of direct sunlight. Storage areas must be well ventilated and comply with Local, State and Federal regulations. For maximum shelf life, store between 5°C and 20°C.

Shelf life is up to 12 months when stored in original, unopened containers, under the above conditions.

CLEAN-UP

Wipe excess glue from joints with clean wet cloth before glue sets. Clean up excess and equipment with water prior to setting

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Australian Consumer Law (ACL). Sale of the product by Bostik is subject to the Bostik Australia Proprietary Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.com/au