



GA 075

Self Crosslinking PVA HV

Description

GA 075 is a single pack, self crosslinking PVA adhesive suitable for bonding wood to wood to give a hard, strong joint. **GA 075** forms adhesive joints that exceed the BS EN204-D3 requirement. **GA 075** sets rapidly even in low temperatures and is well suited to New Zealand conditions. The finished joint has superior heat resistance (over 90°C), can be sanded and machined, and has excellent creep resistance. Crosslinked PVAs are currently the highest performing PVA adhesives.

Typical Properties:

Solids:	49%
Viscosity:	Approx 8000 cP (DVIII, 25 C, #25, SSC)
pH:	3.5
Appearance:	High viscosity white liquid. Dries clear.
Odour:	Slightly acidic.
Application Temp:	Best results above 15°C (Suggested Minimum 5 °C)
Wet Weight Coverage:	110g/m ² to 230g/m ² for best results
Clean Up:	Warm water
Shelf Life:	12 months if stored correctly.
Pack Size:	15kg, 220kg, 1100kg.

Keep out of reach of children. Refer to Safety Data Sheet for additional information.

Surface Preparation:

Surfaces to be bonded should be clean, dry and free from dust, dirt and any other material that may interfere with the adhesion of the coating. Sanding the surface will also increase the bond strength. It is necessary that one of the surfaces to be bonded is porous to allow the adhesive to cure. For oily timbers like teak and kwila a solvent wipe with ethyl acetate or methylated spirits is recommended 1 to 2 hours prior to bonding. Roughening the surface will also increase the bond strength.

Applications

Apply **GA 075** to one surface with a squeeze bottle, brush, a roller (5mm to 6mm short nap mohair/sheep wool) or through an automated dosing nozzle. Be sure to cover the entire surface to be bonded, including pits, dents and marks. Bond and clamp the substrates immediately after coating. Wipe away any excess adhesive with a damp cloth immediately. Clamping pressures of 3 kg/cm² to 8 kg/cm² are recommended during initial curing. Clamping times will vary from as little as 30 minutes to 12 hours depending on temperature, substrate porosity substrates and joint strain.

For First Aid, Fire, Storage, Disposal, Transport and all other relevant information, refer to SDS sheets.

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions substrates and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will G&A Adhesives Ltd be liable to anyone except for replacement of the products or refund of the purchase price

G&A Adhesives Ltd

Auckland

Ph 09 274 8440

Fax 09 274 8450

Email: sales@gasales.co.nz