

Technical Data Sheet

FORTIS AD5605

FEATURES

- 100% Solids
- Zero VOC
- 60 min Working time
- 3hr clamp time @25C
- Suitable for most hardwoods
- Paintable / Stainable
- Sandable
- Expands as it dries
- Water resistant
- Superior adhesion
- Excellent heat resistance

TYPICAL APPLICATION

- Timber Lamination
- Furniture construction
- General construction adhesive

TECHNICAL DATA

Color: Amber

Viscosity: >4500cps@20°C

Coverage:100-200 g/m²

Working Time:60 min

Clamp Time:3hr @20°C (65% RH)

Shear Strength Dry: >12MPA (95% WF)

Shear Strength Wet: >11MPA (75% WF)

Service Temp: -40°C to 90°C

FORTIS AD5605 is a fast curing single pack moisture curing adhesive. Fortis AD5605 is suitable for bonding timber to almost anything. e.g. ALL timbers, MDF, Metal, ceramic, glass and concrete. Due to it expanding as it dries, it is especially useful for repairing hollow spots under timber overlay strip flooring.

APPLICATION

Fortis AD5605 requires atmospheric moisture to cure. Timber should be conditioned to approximately 12% moisture content. If drier it is recommend to lightly mist or wipe the surface with water. One surface should be porous. This is a non-structural adhesive. For structural applications please contact Fortis adhesives & Coatings.

SURFACE PREPARATION

Ensure bonded surface is clean and dust free. To achieve optimum bonding results, please ensure a tight-fitting joint; less than 0.3mm is recommended.

Excellent wood-to-wood contact is necessary to achieve optimum bond strength. A smooth surface achieved through planing or similar technique will aid in providing a good wood-to-wood contact. A good mechanical fit for finger-jointing is necessary.

A light water mist may be applied to the wood. The water mist applied prior to glue application, "**TO BOTH ADHERING SURFACES**". The water application should be approximately 30-50 gsm for both adhering faces (this process has been found beneficial for the oiliest of Australian Timbers)

Normal clamping time is 3hrs.

LIMITATIONS

Will not adhere polyethylene or polypropylene plastic

CLEAN UP

Allow glue to dry then scrape, chisel, sand or cut excess glue

Clean tools with acetone or white spirit immediately after use (before adhesive dried).

If glue comes in contact with hands, use acetone or white spirits to remove immediately and then rinse off with soapy water

SAFETY

- Contains isocyanates. Please refer to Material Safety Data Sheet prior to use.
- Store in cool, dry conditions, out of direct sunlight and in a well ventilated area. DO NOT store below 5°C or over 50°C.
- Good industrial hygiene should be observed at all times – Appropriate PPE should be worn including impervious gloves & eye wear.

PACK SIZE

5kg, 18kg

SHELF LIFE

12mths @ 25°C unopened

For further information, refer to the Fortis website www.fortisadhesives.com.au It contains not only the Safety Data Sheets but also technical bulletins on adhesive applications and surface preparation.



Fortis Adhesives & Coatings
14 Commercial Drive
Dandenong South,
Victoria, Australia, 3175
www.fortisadhesives.com.au
+61 3 97065448

Disclaimer

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