

Technical Data Sheet

FORTIS AD216

FEATURES

- Brushable
- Long open time
- Heat resistant
- Excellent adhesion
- Excellent green strength

TYPICAL APPLICATION

- Decorative laminates
- Cabinet making
- Shop fitting
- Automotive upholstery

TECHNICAL DATA

Color: Clear yellow

Base: Polychloroprene

Viscosity: Brushable liquid

Service temperature: 0-90°C

Coverage Rate: 6-8 m²/L

Evaporation time: 5-10 mins @ 20°C

Open time: ~20 mins @ 20°C

FORTIS AD216 is a high-quality contact adhesive with good brushing consistency. Fortis AD216 has excellent heat resistance, long open time, and exhibits superior bonding to a wide range of materials, including decorative plastic laminates, MDF and particleboard, timber, metal, concrete, rubber, glass, and urethane foam. It is predominantly for use in the bonding of decorative laminates for cabinet making and shop fitting applications, and for automotive upholstery.

APPLICATION

Apply evenly to both surfaces that are to be bonded. Allow adhesive to evaporate until it is no longer wet to touch (5-10 minutes). Join surfaces together before the end of the adhesive open time (~20 minutes). Apply as much pressure as possible to achieve the optimum bond strength.

Fortis recommend that applicators carry out their own adhesion test on their particular substrate prior to application.

Fortis AD216 should not be applied at temperatures below 10°C.

If applying to wood, moisture of 8-10%, and relative humidity of 60-70% are ideal application conditions.

Final bond strength is achieved in 24 hours.

SURFACE PREPARATION

Ensure bonded surface is clean and free from dust, oil, and other foreign materials. Metal surfaces should be degreased with Fortis Contact Cleaner.

LIMITATIONS

Coverage rate, open time, and press time are largely dependent on the type of material to be bonded, as well as the ambient conditions. Do not use below 10°C as condensed water may form on the adhesive film and prevent bonding.

CLEAN UP

Use solvent to clean tools before adhesive dries. Dried adhesive must be removed mechanically.

If glue comes in contact with skin, wash with warm soapy water immediately.

SAFETY

- Avoid contact with skin and eyes and avoid breathing vapour or spray mist. 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.
- Keep away from all sources of ignition – no smoking.

PACK SIZE

4L, 20L, and 200L

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.



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