

# Technical Data Sheet

## FORTIS AD225

### FEATURES

- Brushable
- Excellent adhesion
- Heat resistant

### TYPICAL APPLICATION

- Recommended for difficult to bond substrates and demanding applications: plastics, metals, and porous substrates

### TECHNICAL DATA

Color: Clear yellow with red crosslinker

Base: Polychloroprene

Viscosity: Brushable liquid

Evaporation time: 2-3 mins @ 20°C

Open time: <5 mins @ 20°C

**FORTIS AD225** is a premium grade cross linkable contact adhesive. Fortis AD225 is fast drying, and provides excellent adhesion to difficult to bond substrates, including but not limited to: plastics, metals, and porous substrates.

### APPLICATION

For high strength bonding, it is recommended that the crosslinking additive be used at a maximum of 40mL into 1L of adhesive. Simple add and stir in prior to use.

Apply evenly to both surfaces that are to be bonded. Allow adhesive to evaporate until it is no longer wet to touch. Join surfaces together before the end of the adhesive open time (<5). 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 AD225 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. Plastic surfaces should be abraded with 60-80 grit paper prior to bonding.

### 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

1L, 4L, and 20L

### SHELF LIFE

12mths @ 25°C unopened

*For further information, refer to the Fortis website [www.fortisadhesives.com.au](http://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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