



TECHNICAL DATA SHEET

HEAT RESISTANT CORNICE ADHESIVE

Description

ALCOLIN HEAT RESISTANT CORNICE ADHESIVE is a white, high strength, flexible, low shrinkage, low VOC ready mix paste adhesive used to bond cornices including polystyrene cornices to a variety of different substrates such as plaster, painted or cement surfaces. ALCOLIN HEAT RESISTANT CORNICE ADHESIVE is ideal for use in areas where high temperatures are experienced and can be painted with any suitable paint such as PVA, Acrylic or Enamel paint



Features & Benefits

- Good initial grab - holds cornice in place without slip.
- Non slump - can be applied to vertical surfaces.
- Acrylic base - can be painted over.
- Heat resistant - for areas in hotter climates
- Good flexibility - can withstand movement.
- Strong adhesion - bonds to a variety of substrates.
- Ready mix paste - easy to use.
- Non-toxic - low VOC (Volatile Organic Compound).

Applications

- ALCOLIN HEAT RESISTANT CORNICE ADHESIVE bonds to cement plaster, gypsum plaster, acrylic, PVA and enamel painted surfaces, polystyrene, and wood.

Limitations

- Do not use at temperatures below 5°C.
- Protect from freezing.
- Do not apply to wet or very damp surfaces.
- As with any water-based adhesive at least one of the surfaces should be porous to allow moisture in the adhesive to escape.

Safety instructions

ALCOLIN HEAT RESISTANT CORNICE ADHESIVE is non-toxic, however, safe handling practices should be implemented to avoid irritating sensitive skin. It is advisable to wear gloves in order to avoid direct skin contact. If glue comes in contact with skin or eyes, flush thoroughly and immediately with water. If irritation continues, seek medical attention. Glue is slippery when wet, so care should be taken when cleaning spillages that occur. Refer to our Safety Data Sheets for further toxicological information and comprehensive handling instructions.

Surface preparation

The cornice needs to be bonded to dry, firm, clean, dust, mould and grease free surfaces. All wallpaper, paint, loose plaster should be removed from both the wall and ceiling - try to test the cornice before commencing with the job.

It is recommended that within the marked off area where the cornice is to be fitted, that the substrate (both wall and ceiling) is first roughened (sharp knife, crisscross scratches or sanding) to provide a key for the adhesive. Use a clean brush to remove any dust.

Directions for use

- ALCOLIN HEAT RESISTANT CORNICE ADHESIVE is a ready-to-use paste adhesive and must not be adulterated by the addition of water or any other substance. Stir well before use.
- Read the cornice manufacturer's instructions carefully before commencing with the installation.
- Using a flat spatula or pallet knife evenly spread sufficient adhesive along the top and bottom edges of the cornice where it will make contact with both the wall and ceiling.
- Press the cornice into place then gently apply pressure along the length of the cornice to ensure that the adhesive makes full contact with all surfaces. If the ceiling or wall is not straight, do not push hard where there is a large gap.
- When installing long sections of cornice, it may begin to sag before the adhesive has set. If this occurs, insert one or two galvanized nails into the wall under the bottom edge of the cornice for temporarily support - once the adhesive has set, the nails can be removed and the holes filled. On the odd occasion it may be necessary to insert a few nails into the ceiling to stop the cornice from 'rolling' forward. Remove these after the adhesive has set and fill the holes.
- Heavy (plaster) cornice may require additional fixing with screws. Carefully position cornice without adhesive, drill through the cornice and into the wall at approximately 1 metre intervals. Countersink the holes in the cornice, and fit wall plugs. Apply the adhesive to the cornice, reposition and secure using brass screws. Once the adhesive has set, cover the brass screw heads using filler.
- As each successive length is installed, each piece will have at least one joint, apply a small amount of adhesive at the joint end so that the lengths are bonded end to end.
- Any excess adhesive squeezed out during the installation should be scraped off with a pallet knife and used to fill any visible gaps. Wipe away residue with a damp sponge or cloth.

Cleaning

- Clean equipment with water before adhesive dries. Dried adhesive can be manually brushed or scraped using hot water.

Storage stability

ALCOLIN CORNICE ADHESIVE has a shelf life of at least 24 months if stored in a cool (below 25°C), dry place in its original moisture-tight container. If the material is kept beyond the recommended shelf life, it is not necessarily unusable. A check should be performed to observe whether the product has not separated, thickened, or shows signs of bacterial degradation (bad smell, discoloration and low viscosity). To maximize the shelf life of the opened container, ensure that the packaging is closed to create an airtight environment when not in use. If the package is left open for long periods, the product will thicken due to evaporation. It is recommended to stir product before use to ensure even consistency.

Product packaging

- 5kg bucket

Product data

i. Physical data

Colour	White
Consistency	Trowelable mastic
Correction time	5-10 minutes depending on site conditions: temperature, humidity and surface to be treated
Curing time	Depending on the site conditions and circumstances: rigid set 1-2 hours. Full cure 24 hours
Density	1.64g/cm ³
PH	8 - 8.5
Solids	Approximately 80%
Coverage	Depends on the type and size of the cornice moulding as well as smoothness of the surface: Approx. 50g/metre for cornices with an 18mm wide glue surface Approx. 62g/metre for cornices with a 25mm wide glue surface Large, heavy cornices with wider glue surface areas may require coverage of up to 100g/metre

Head Office: +27(0)21 555 7400
Toll free no: 0800 222 400
1 Beverley Close, Montague Gardens
PO Box 37008, Chempet, 7442
www.alcolin.com



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