
PEKAY M221 WATERBASED ACRYLIC CORNICE ADHESIVE and SEALANT

DESCRIPTION

Pekay M221 is a waterbased airdrying acrylic latex adhesive and sealant. It is formulated to have adhesion to expanded polystyrene foam, as well as a wide variety of building materials. It has good wet-stick properties, allowing it to be used to permanently fix moulded cornices in place without any additional support.

Typical examples of applications are shown below:



M221 is suitable for most moulded cornices, but adhesion may vary against dense moulds particularly where release agents have been used, heavy moulds, plaster moulds, and PVC faced substrates. Careful evaluation of adhesive properties is essential.

FEATURES

- High Flexibility, suitable for use on dry wall panelling
 - Fast setting, good wet adhesion.
 - May be overpainted
 - Good adhesion to a wide variety of substrates without priming
 - Suitable for spatula or gun application
 - Elongation factor of 20 – 25%
 - Economic to use
 - Mildew resistant
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APPLICATION

Surfaces to be sealed must be clean and dry and free of grease and oil. Ensure the polystyrene is dust-free by wiping with a damp cloth.

If necessary lightly sand the surface to be bonded.

In some cases a primer such as Pekay Plasterbond W70 will assist adhesion. Solvent based plaster primers are not suitable.

Where the adhesion is weak or suspect the use of panel pins or wood screws is recommended.

M221 is not suitable for adhesion around corners of angles more than 10 degrees without additional support.

The product may be applied by both hand operated and air-powered guns as well as a spatula or putty knife.

A liberal coating of M221 is applied to the cornice, and spread evenly over the contact areas. The coating should be at least 1mm thick to ensure gap filling on rough plastered surfaces. Depending on the complexity and weight of the moulding, up to 1 litre per 3 metres may be required. It is advisable to avoid affixing cornices of more than 6metres in length or 10kg in weight at one time.

Allow the adhesive to air-dry for 5 minutes, then squeeze the moulded piece into position with hand pressure. Press into position for up to 5 minutes, making sure the gaps are fully sealed. Assist close fixing with panel pins or screws.

Where the M221 has squeezed out, scrape off with a spatula, and level off the joint with a spatula or index finger moistened in a soapy water solution. Clean the edges of the joint with a damp cloth.

Surfaces are dry in 1 – 2 hours, and may be overpainted after 2 - 3 hours.

SPECIFICATIONS

BASE	: Acrylic polymer
COLOUR	: White, others on request
SOLVENT / CLEANUP	: Warm soapy water
SOLIDS CONTENT	: 82 ± 2% w/w
MASS PER LITRE	: 1,45kg
VISCOSITY	: Free-flowing thick paste
DRYING TIME	: Tack-free 1 – 2 hours at 25°C. Full cure 24 hours
ELONGATION %	: 20 – 25 at 25°C

GENERAL

SHELF LIFE	: 6 months at room temperature if unopened
LIFE EXPECTANCY	: Up to 10 years
APPLICATION TEMPERATURE LIMITS	: 5° to 40°C
SERVICE TEMPERATURE LIMITS	: -10° to +100°C
STORAGE TEMPERATURE LIMITS	: 5° to 35°C
SHIPPING CLASSIFICATION	: Non flammable, non hazardous
PACKING	: 290ml cartridges, 1lt, 2lt, 5lt buckets, 25lt drums

LIMITATIONS

- Not to be applied on wet or oily surfaces
 - Not suitable for damp areas, product will support mould growth over time
 - Not for water immersed joints
 - Shrinkage up to 15%
 - Protect from freezing during storage
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The information contained in this technical data sheet is to the best of our knowledge correct. **NO GUARANTEE IS EXPRESSED OR IMPLIED.** Users must satisfy themselves as to the efficacy of the product in their application.