

MasterSeal[®] 270PBA

Single component solvent based synthetic rubber adhesive

DESCRIPTION

MasterSeal 270PBA is a single component solvent based synthetic rubber adhesive. It has excellent heat resistance properties and is designed for use as an adhesive in hot environmental conditions.

TYPICAL APPLICATIONS

For use as adhesive in the following applications:

- Bitumen fiber boards
- Bitumen felt
- Plastic
- Laminates
- Veneer boards
- Rubber & plastic edging strips
- Rubber
- Linoleum
- Felt
- Cork
- Foam to wood
- Chipboard
- Concrete
- Stone
- Bitumen surfaces

ADVANTAGES

- Single component
- Cold applied, no heating required
- Excellent adhesion to a range of materials

PACKAGING AND COLORS

MasterSeal 270PBA is supplied as 5 L and 20 L pail and available in Black.

TYPICAL PROPERTIES*

Density @ 25°C	0.95 1.0 kg/L
Initial set @ 25°C	20-30 minutes
Final set @ 25°C	48 hours
Tensile strength ASTM D412	>2 N/mm ²
Application temperature	+5°C to +45°C
Service temperature	-10°C to +85°C
Solid content	60-65%

APPLICATION GUIDELINES

The surface must be clean, dry free of laitance, oil, grease or any substance that may impair adhesion.

Apply an even film of adhesive on both the surfaces with a strong brush or spreader. Porous substrates require two coats. Evenly apply first coat and allow sufficient time for adhesive to dry. Once first coat is dry, evenly apply second coat onto both surfaces. Bond the two materials once the adhesive becomes tacky.

Materials should be positioned accurately as readjusting after placement is difficult. Tap the surfaces with a rubber hammer or pressure roller, avoiding the formation of air bubbles.

Use support/props to keep the boards in place until the adhesive is strong enough to hold the board.

Adhesive stains can be removed by solvent.

CLEANING

Cleaning of tools and equipment should be done with paper and suitable Xylene thinner. Rollers will not be re-usable.

COVERAGE / YIELD

Approximate consumption of 2-4 m²/L, dependent on the surface texture of the materials to be bonded.

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STORAGE AND SHELF LIFE

MasterSeal 270PBA has a shelf life of 12 months when stored in ideal conditions in original sealed packaging.

Store in dry places at temperatures of 5-25°C.

HEALTH AND SAFETY

The MSDS (Material Safety Data Sheet) is available on request.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational Health & Safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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NOTE

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