

Polymer 4300 Conductive Vinyl Adhesive

DESCRIPTION

Polymer 4300 Conductive Vinyl Adhesive is a carbon filled co-polymer acrylic water based adhesive for the installation of conductive, static dissipative, and some antistatic vinyl floorcoverings. It has good resistance to plasticizer and cures to form a strong bond

NOTE

The decision to use a conductive adhesive should be ascertained from the vinyl flooring manufacturer. Some anti-static materials do not require a conductive adhesive.

FOR BONDING

Commercial grade, conductive, static dissipative, and some antistatic vinyl floorcoverings, vinyl floor and wall coverings.

TO

Sound, absorbent, smooth and dry subfloors of concrete; conventional sand/cement screeds or underlayment; plywood; hardboard or cement sheet underlays.

Other surfaces, such as asphalt, granolithic, terrazzo, quarry tiles and concrete surfaces treated with waterproof membranes or some curing agents should be skimmed with a minimum of 3mm of a proprietary cementitious underlayment according to manufacturer's recommendations.

COVERAGE

Approximately 3-5 square metres per litre depending upon the condition and absorbency of the substrate and the type of applicator used.

STANDARDS

Australian Standard 1884-1985 – Resilient Sheet & Tiles – Laying & Maintenance Practices

TECHNICAL DATA:

<i>Appearance</i>	Black paste
<i>Solids (approx)</i>	62%
<i>Base Polymer</i>	Acrylic
<i>Carrier</i>	Water
<i>Flammability</i>	Non flammable
<i>Toxicity</i>	Non Toxic
<i>Viscosity</i>	40,000 cps
<i>S.G.</i>	1.22
<i>Conductivity Resistance</i>	$<3 \times 10^5$ ohms (DIN 53276)

PREPARATION

When adhering to highly absorbent concrete floors, the use of **Polymer Primer 6000** is strongly recommended. Thorough subfloor preparation is essential to the successful installation of all floor and wall coverings. The surface must be clean, structurally sound, dry and free from all contaminants which will inhibit good adhesion - this includes previously used adhesives and floorcoverings, polishes, paint, waterproofing membranes, concrete curing agents and laitence. Deep indentations and uneven concrete subfloors should be treated with the appropriate cementitious screed in accordance with manufacturer's instructions.

APPLICATION

Adhesive should be spread evenly with a 1.5mm "V" notched or with a 1.2mm "U" notched spreader. Apply over an area that can be covered within the open time of the adhesive. This will vary according to the temperature and humidity prevailing. Allow the adhesive to develop initial tack - generally between 10-15 minutes according to the thickness of bead and temperature/humidity etc. The floorcovering should be placed into wet adhesive film which will allow transfer to the backing and the trowel marks to flatten when rolled.

CLEAN UP

Any **Polymer 4300** on the surface of the vinyl should be removed with a well dampened cloth - Do not allow to dry. Trowels and other tools may be cleaned with **Roberts 900 Cleaner/Thinner**.

SAFETY AND HANDLING

A material safety data sheet is available on request

STORAGE

Store in cool area between 5° -25°C. Do not allow to freeze.

Disclaimer: Information given on this data sheet is to the best available knowledge of the manufacturer, true and correct. However owing to the diverse nature of applications, conditions, and materials used, no guarantee either expressed or implied, can be given. Enquiries should be directed to Gilt Edge Industries Ltd, Akld Ph: 09 443 7067, Wgtn Ph: 04 569 7067, Chch Ph: 03 389 7067, Dudn Ph: 03 455 7067
