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LOCKFAST ANTISTATIC ACRYLIC

DESCRIPTION:

ANTISTATIC ACRYLIC is an 100% acrylic adhesive with conductive properties designed to give a strong bond when used to install antistatic vinyl sheet flooring and tiles to on-grade concrete, timber and composite board.

ANTISTATIC ACRYLIC is modified with carbon black to give a ground 'leak' to electrostatic charges. Take care not to allow adhesive between copper strips and the vinyl flooring if the installation does include copper strip.

TYPICAL PROPERTIES:

Type:	Single stick trowelable mastic
Base:	Pure acrylic latex
Colour:	Black
Adhesive Solids:	Approximately 60%
Flash Point:	Non flammable, water borne
Conductivity:	Bulk Resistance: 3.0×10^6 ohms @ 100V Surface Resistance: 3.2×10^{10} ohms @ 500V Reference WRONZ AS2834-D1995

DIRECTIONS FOR USE:

Adhesive:

Antistatic has a shelf life of at least 12 months when stored in an unopened container at 10 — 30°C. Stir adhesive before use and always recap container properly after use. Do not contaminate adhesive with trowel scrapings.

Concrete:

- Ensure that the concrete has an effective damp-proof membrane. The surface must be clean and free from dust, dirt, grease and excess moisture. Ensure that curing or releasing agents have been removed from concrete as these could prevent adhesion. Excessively porous floors should be dampened before spreading the adhesive.
- NB: Do not pre-seal the floor.

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DIRECTIONS FOR USE: (cont'd)

- With new or freshly levelled concrete, check that adequate drying time has elapsed before applying adhesive.
- Levelling of floors may be done with Matrix or FLC compounds.
- If in doubt about potential wet or damp floors, seal with Aquaguard 101 before proceeding.

Timber & Composite Board:

The surface must be dry and free from dust, dirt and grease. Flooring grade particle board must be adequately weathered before application of adhesive.

TEMPERATURE:

Never apply adhesive when floor temperature is 5°C or less. Tack off time will be very slow if floor temperature is 5-10°C.

APPLICATION:

- Apply the adhesive with a notched trowel (1.5mm notches at 4 notches per cm) evenly over an area which can be covered before adhesive dries. Place the vinyl on the wet adhesive and roll down with a heavy roller (of at least 34 Kg). Due to the carbon filler loading, the Antistatic Acrylic has lower tack properties than standard acrylic adhesives. Take great care with creases in the vinyl.
- Excess wet adhesive may be cleaned off with a damp cloth. The approximate working time for Antistatic Acrylic is 20-30 minutes depending on ambient conditions.

NOTE WELL: Take great care to avoid getting adhesive on the vinyl surface. The carbon black can penetrate the vinyl surface and is extremely difficult to thoroughly remove.

COVERAGE:

This will depend on floor finish and porosity. Approximately 5 square metres per litre should be achieved.

NOTE:

If uncertain about any aspect of suitability of application of Antistatic Acrylic, seek advice from Nuplex Industries before using.