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**LOCKFAST ULTRABOND**

**DESCRIPTION**

Ultrabond is a rubber latex based adhesive designed to give a strong water resistant bond when used to install vinyl sheet flooring, vinyl tiles, carpet underlay and carpet tiles to on-grade concrete, timber and composite-board flooring in interior situations. Ultrabond is the best adhesive for "double sticking" carpet to underlay.

**\*\*\*Warning\*\*\***

Ultrabond is not recommended for white vinyls. When Ultrabond is used to bond highly plasticised vinyl sheeting, plasticiser may migrate from the vinyl into the adhesive. Plasticiser migration can reduce bond strength and may contribute to discolouration of certain vinyls. Ultrabond is suitable for commercial grade, homogeneous vinyls.

**TYPICAL PROPERTIES**

TYPE:	Single stick, trowelable mastic
BASE:	Natural rubber latex
COLOUR:	Off-white
ADHESIVE SOLIDS: -	Approximately 47%
FLASH POINT:	Non-flammable, water borne
DENSITY:	Approximately 1.0 kg/L
SHELF LIFE:	6 months when stored in unopened containers at 5-30°C. Must not freeze.

**DIRECTIONS FOR USE:**

Adhesive	Stir but do not thin. Ultrabond must be stored and used in conditions above 3°C. Do not contaminate adhesive with trowel scrapings.
Floor Preparation	
Concrete	The surface must be dry, clean and level. For proper adhesion it is essential to remove any dust, dirt, oil or residues of concrete curing and release agents.

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## Timber and Composite Board

Check that new concrete and floor levelling compounds have been allowed to dry sufficiently. Check that an effective damp-proof membrane is installed in the concrete; refer NZFMFC Manual 5002.

The surface must be dry, clean and sanded lightly. Very porous floors should be sealed with a suitable sealer.

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.

## Application

Apply the adhesive with a notched trowel (e.g. 1.5mm triangular notches at 4 notches per cm) evenly over an area which can be covered before the adhesive dries. Place the vinyl on the wet adhesive and smooth out with firm pressure.

Roll the vinyl with a heavy roller in both directions. The working time for Ultrabond is 20-40 minutes depending on temperature and humidity.

## Coverage

This will depend on the notching of the trowel and porosity of the floor. Generally a coverage of 4-5m<sup>2</sup> per litre for vinyl and 3m<sup>2</sup> per litre for direct stick carpet should be achieved.

## Clean Up

When wet, Ultrabond is readily cleaned from vinyl and tools with a damp cloth. When dry it is difficult to remove; hot soapy water is better than chemical solvents.

## IMPORTANT NOTE:

This bulletin is for general guidance and may contain inappropriate information under particular conditions of use. It is the adhesive user's responsibility to ensure that the adhesive is suitable for the intended application. If in doubt about any aspect of suitability or application seek advice from Nuplex Industries Limited before using adhesive.