

MANUAL SECTION	ISSUE DATE	AUTHORISED	REPLACES	PAGE
<i>Flooring Adhesive</i>	<i>Sept 2007</i>	<i>PM</i>	<i>July 2007</i>	<i>1 of 2</i>

LOCKFAST DURACRYL

High Performance Vinyl Adhesive

DESCRIPTION:

- Duracryl is 100% acrylic adhesive designed to give a strong, water-resistant bond when used to install vinyl sheet flooring to on-grade concrete, timber and composite-board. Duracryl is recommended for all vinyl types. Extensive testing of Duracryl has shown that it has extremely good plasticiser resistance and non-staining properties. Suitable for all types of vinyl flooring
- Duracryl has high tack properties so that peaking or bubbles are minimised.
- Duracryl adhesive is based on an acrylic emulsion that “crosslinks” or bonds to the vinyl. This action develops an extremely strong bond that makes Duracryl a top adhesive performer.
- Duracryl has three similar sister products
 - **Duracryl** (Standard open time) (this document). Duracryl offers the highest bond strength and heat resistance of these three adhesives. Duracryl is best suited when a fast set adhesive is required, ie cold or poor drying conditions.
 - **HSV Adhesive**. High Spec Adhesive. This product is formulated for a summer slow set. This grade allows longer working time in hot/dry conditions, when working with wider vinyl sheet or on more porous substrates.
 - **Supacryl**: Zero odour and VOC’s

TYPICAL PROPERTIES:

TYPE:
BASE: Single stick trowelable paste
COLOUR: Pure acrylic latex
ADHESIVE SOLIDS: Off-white
CLEAN UP: Approximately 65%
 Water while still wet

DIRECTIONS FOR USE:

Duracryl has a shelf life of at least 12 months when stored in an unopened container at 10-30°C. If the adhesive is allowed to freeze it will be ruined. Always recap container properly after use. Do not contaminate adhesive with trowel scrapings.

No warranty either expressed or implied or statutory is made by NUPLEX in this document except as expressly stated in any sale and purchase agreement entered into between NUPLEX and the buyer. CERTIFIED ISO 9001 REG. NO. 158
 This document is a technical data information sheet The description of the product or products and the properties of the product or products contained in this document is for the sole purpose of identifying the product or products and describing their property or properties and does not constitute a warranty that the product or its properties shall conform to that description; nor is the description of the product and/or its properties a warranty by NUPLEX that the goods are suitable for a particular purpose.

DURACRYL (cont'd)**Floor Preparation:****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 sealed before spreading the adhesive.

Smoothing or levelling of floors may be done with Matrix, FLC, Superset or Superflo compounds. Fine finish the floor with Ultrafinish. If in doubt about potential wet or damp floors, seal with Aquaguard 101 before proceeding.

Timber and Particle 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. Seal sanded particle boards with **Duraseal** before adhesive application.

Application:

Only use adhesive in good drying/setting conditions. Apply the adhesive with a notched trowel (Versablade 680-FFA (very fine) or 680-ACT (higher spread of adhesive)) 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 34kg).

Excess wet adhesive may be cleaned off with a damp cloth. The approximate working time for Duracryl is 20-30 minutes depending on ambient conditions. HSV adhesive has a longer working time.

Suitable Vinyl floor coverings:

- Commercial vinyl
- Residential Vinyl
- Vinyl planks: Duracryl is Nuplex's preferred adhesive.
- Vinyl Tile

Vinyl plank: Ensure the floor is well prepared. Pre-seal the floor with Neoprime and allow to fully dry. Apply Duracryl with a Versablade 680-ACT blade. Lay the planks into wet adhesive and roll.

Coverage:

This will depend on trowel, floor finish and porosity. Approximately 5-6 square metres per litre should be achieved.