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## **DDS ADHESIVE DIRECT AND DOUBLE STICK ADHESIVE**

**DESCRIPTION:**

DDS is a rubber latex based semi pressure sensitive adhesive, DDS gives a strong water resistant bond when used to install carpet (see below). Suitable on concrete, timber and composite board flooring. DDS is not recommended for installing vinyl sheeting, homogeneous or laminated vinyl or for use in exterior conditions.

**FEATURES:**

- DDS is solvent free (zero solvent). It emits no fumes during application and during drying. The building space is cleaner with no residual adhesive odour.
- Pleasant after smell.
- Strong bond.
- Easy application.

**RECOMMENDED  
CARPETS:**

- Jute backed
- Woven carpets
- Axminster carpets
- Polypropylene woven and non-woven
- Action back
- Underlays eg: Dunlop Polyurethane Foam Underlay

**TYPICAL PROPERTIES:**

**Type:** Single stick, trowelable mastic  
**Base:** Synthetic rubber latex  
**Colour:** Pale green  
**Adhesive Solids:** Approximately 60%  
**Flash Point:** Non flammable, waterborne  
**Density:** Approximately 1.0kg/Lt  
**Shelf Life:** 12 months when stored in unopened containers at 5-30°C. Must not freeze.

**DIRECTIONS FOR USE:** Adhesive

Stir but do not thin, DDS must be stored and used in conditions above 5°C. Do not contaminate 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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**DDS ADHESIVE** (cont'd)

- 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.

**Timber and Composite Board**

- The surface must be dry, clean and sanded lightly. Very porous floors should be sealed with a suitable sealer. Flooring grade particleboard must be adequately weathered before application of sealer and 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.

**Application:**

Apply the adhesive using an appropriately notched trowel (see below). Place the carpet into the wet adhesive and roll down with a heavy roller. Take care with heavily ribbed carpets to ensure that a full adhesive coverage and transfer occurs on the carpet back.

**Heatbond Tape**

Use Nuplex Heatbond tapes in conjunction with double bond carpet installations (bonding carpet-underlay-floor). Use Nuplex DBPS tape on the carpet joint. Do not apply adhesive on the tape area. DBPS tape has a sticky base which allows it to be positioned on the underlay. The Heatbond iron will fully bond underlay, carpet and joint. This process will prevent carpet peaking over active carpet-underlay joint.

**COVERAGE:**

This will depend on the notching of the trowel and the porosity of the floor.

- Carpet or underlay to substrate: 4-5m<sup>2</sup>/Lt  
Trowel: eg: Versablade RCA
- Carpet to underlay (double stick): 3-4m<sup>2</sup>/Lt  
Trowel: eg: Versablade KBC, DGD

NB: Synthetic carpet backings require more adhesive than jute backed carpets.

**CLEAN UP:**

When wet DDS is readily cleaned up with a damp cloth. When dry it is difficult to remove, hot soapy water is better than chemical solvents.

**IMPORTANT NOTICE**

This bulletin is for general guidance only 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.