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## HSV High Spec Vinyl Adhesive

**DESCRIPTION:**

- HSV 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. HSV is recommended for all vinyl types. Extensive testing of HS has shown that it has extremely good plasticiser resistance and non-staining properties. Suitable for all types of vinyl flooring
- HSV has high tack properties so that peaking or bubbles are minimised.
- HSV adhesive is based on an acrylic emulsion that “crosslinks” or bonds to the vinyl. This action develops an extremely strong bond that makes this adhesive a top adhesive performer.
- HSV has three variant products. All are acrylic vinyl flooring adhesives.
  - **HSV (Longer open time)** (this document). This product is better suited for hot, dry conditions, or on porous substrates or on wider sheet materials. Adhesives of this type must always be laid into wet adhesives.
  - **Duracryl Adhesive.** This product is formulated for a faster set. This grade allows quicker dry time in poorer or colder conditions.
  - **Supacryl:** Zero odour and VOC’s

**TYPICAL PROPERTIES:**

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

**DIRECTIONS FOR USE:**

HSV 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.

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**HSV Adhesive for vinyl** (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 HSV is 30-40 minutes depending on ambient conditions. Duracryl adhesive has a shorter working time at equivalent temperatures..

**Suitable Vinyl floor coverings:**

- Commercial vinyl
- Residential Vinyl
- Vinyl planks
- Vinyl Tile

**Vinyl plank:** Ensure the floor is well prepared. Pre-seal the floor with Neoprime and allow to fully dry. Apply HSV or 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.