



Product Data Sheet

1440 - High Performance Adhesive

DESCRIPTION

Spartan 1440 is a high-tack, high-grab water-based low VOC adhesive that can be used in wet mode or semi-wet mode. It has a good all-round balance between open time and work time. Once cured, it provides strong bond to dimensional stable PVC Sheet Vinyl – including LVP, along with linoleum and sanded back sheet rubber flooring up to 4mm thick. For indoor use only. Spartan 1440 is also suitable for textile floorcoverings with common backings.

Spartan 1440 ultimately cures to form a hard-set adhesive over time and exhibits tough bonds ensuring a successful installation. If you require a quicker hard-set adhesive use Spartan 1435.

SURFACE PREPARATION

To be in accordance with the current Australian Standard AS 1884 “Floor Coverings – Resilient Sheet and Tiles – Laying and Maintenance Practices”. All surfaces to be bonded shall be dry, smooth, sound, and clean this includes dust, old adhesives, and old floorcoverings.

Subfloors must also be free of wax, grease, and hydrostatic pressure. The minimum subfloor temperature before commencing surface preparation and adhesive application is 10 degrees C.

Substrates must be absorbent to enable the adhesive to dry & cure. Highly absorbent wooden or concrete subfloor surfaces are to be primed with a suitable primer prior to the application of adhesive.

All concrete & timber substrate floors should be tested for moisture content and pH, according to the above Australian/NZ Standard prior to undertaking surface priming or installation of floorcoverings.

DIRECTIONS FOR USE

The installation area, floorcovering and substrate should be kept at the appropriate temperature as required by the floorcovering manufacturer and section 4 of the current Australian/NZ Standard 1884. The key to a successful



installation is consistent temperatures being maintained 48 hours prior to installation, during and 48 hours after installation.

For smooth backed flooring, apply Spartan 1440 to the subfloor with a 1.6mm 'V' notched trowel. For textured backed products use a 2.4mm 'V' notched spread evenly to the prepared substrate holding trowel at approximately 60-degree angle. Some very textured products may require a larger notch trowel.

When using the recommended wet set method of installation for LVP, spread adhesive and install floorcovering within 15 - 20 minutes. Check periodically to make sure that there is 100% adhesive transfer to the back of the floorcovering. Within an hour after the installation roll floorcovering with recommended roller in both directions.

When using the semi-wet method of installation for Sheet Vinyl let the adhesive have open time for up to 30 – 50 minutes depending on the climate conditions on site as well as the subfloor conditions. Install flooring by pressing floorcovering into adhesive bed. Within an hour after the installation roll floorcovering with recommended roller in both directions. When the Spartan 1440 is used in semi-wet mode, please ensure that the trowel notches are fattened so the trowel lines do not show through the top flooring. The Spartan 1440 is initially very tacky but will fully cure with time.

CLEAN UP

Clean any wet adhesive immediately using a wet cloth before adhesive dries. Dried adhesive may be cleaned off using a suitable solvent cleaner applied to a damp cloth then rubbed gently over the dried adhesive.

SHELF LIFE

Up to 12 months in sealed container and stored at 20°C.

Note: Always carry out your own test to confirm suitability of this product with your application. Additional information on physical properties, health hazards, storage, handling, and transport is available in the Safety Data Sheet (SDS), available on request.

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