

# Nexus 840 Pressure Sensitive Adhesive

## TECHNICAL DATA SHEET

### DESCRIPTION

**Nexus 840 Pressure Sensitive** is a low VOC emissions and is anti microbial and has been developed for the installation of vinyl composition tiles. It is also suitable for the installation of Carpet Tiles & slab underlay's used in the double bond carpet installation. Not suitable for installing carpet to underlay.

### SURFACE PREPARATION

All surfaces to be bonded should be dry, smooth, and free of any contaminates that may affect final bond. All surfaces must be prepared in accordance with current Australian Standards 1884-2012 Floor Coverings Resilient Sheet including moisture testing. **Nexus 840** can be applied to concrete substrates with moisture content up to 85% RH (relative humidity) and falling. This RH should be measured by deploying the in-situ probe method (in accordance with ASTM F2170). **Nexus 840** can be applied to concrete substrate with pH readings up to 10.0. It is recommended that all highly absorbent sub floors be primed with **Nexus 510 Acrylic Floor & Wall Primer** prior to the application of adhesive. The minimum sub floor temperature prior to commencing preparation or adhesive application is 10°C.

### DIRECTION FOR USE

For the installation of composition tiles & textured backed carpet tiles & double bond underlays, apply adhesive using a 1.6mm x 1.6mm x 1.6mm "V" notched spreader with approx coverage of 5m<sup>2</sup> per litre. When installing smooth backed carpet tiles and smooth backed double bond underlay, use a long nap roller with approx coverage of 7m<sup>2</sup> per litre. Adhesive should be allowed to clear prior to floor covering being placed into the adhesive film. Clear is when the adhesive changes from white wet adhesive to dry clear tacky film of adhesive. Clear time will depend on atmospheric conditions. Complete installation according to manufacturer's instructions. Roll installation on completion with the recommended weight roller. Do not allow heavy traffic for 24 hours.

### CLEAN UP

Clean tools immediately after use with warm soapy water. Dried adhesive may be softened from tools using a suitable solvent like **Nexus 490**.

### Typical properties

Base	Acrylic
Solids	Approx 50%
Shelf Life	12 months in sealed container at 20°C
Packaging	4 & 15 Litre pails

**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 Material Safety Data Sheet (MSDS), available on request.

March 2019

**Nexus Adhesives Pty Ltd**  
ABN 61 121 120 036

42 Healey Road  
Dandenong South VIC 3175 Australia  
**Tel** +61 3 9706 4022  
**Fax** +61 3 9706 4122  
info@nexusadhesives.com.au  
www.nexusadhesives.com.au