



Bond for Life.®

Technical Data Sheet

SiegelBond PS50



Super PS Flooring Adhesive

Product Description

SiegelBond PS50 is a premium-grade pressure-sensitive adhesive designed for high performance in various flooring applications including carpet tiles, LVT and other resilient flooring applications. It ensures a strong initial tack and lasting bond for a range of floor coverings.

Product Advantages

- SiegelBond PS50 has high initial tack strength for faster laying methods.
- SiegelBond PS50 has a long working time and excellent restick properties.
- SiegelBond PS50 possesses superior shear strength.
- SiegelBond PS50 is suitable for use over underfloor heating installations.
- SiegelBond PS50 is non-flammable, low VOC and Greenstar compliant

Application

SiegelBond PS50 is suitable for the installation of carpet tiles, vinyl composition tiles, slab underlays, in double bond carpet installation. Not suitable for installing carpet to underlay. Can be used onto levelling compounds, concrete, exterior grade plywood and most other common subfloors.

Consumption Estimate

PVC / smooth	Trowel V Notch 1.6mm	Coverage 5m ² / L
PVC / textured	Trowel V Notch 1.6mm	Coverage 5m ² / L
Underlay	Trowel V Notch 1.6mm	Coverage 5m ² / Lt
Rubber	Trowel V Notch 1.6mm	Coverage 5m ² / L

i Technical Information

Type	Waterbased Acrylic Polymer	Colour	Off White
Solids Content	ASTM D412 55%	Low VOC Compliance	GBCA VOC compliant Yes
VOC content	GBCA - ASTM D3960-05 13 g/L	Shelf Life	12 months
Application Temperature	+10°C to +40°C	Working Time	Pressure Sensitive 1 hour Permanent 15mins
Density	1.1		

Surface Preparation

- All surfaces to be bonded should be dry, smooth, and free of any contaminants that may affect the final bond. All surfaces must be prepared in accordance with current Australian Standards 1884 Floor
- Coverings Resilient Sheet including moisture testing. It is recommended that all highly absorbent subfloors be primed with a suitable primer, prior to the application of adhesive.
- SiegelBond PS50 can be applied to concrete subfloors with moisture readings up to 85% RH and falling.
- Do not apply this adhesive or lay flooring if the subfloor temperature is less than 10°C
- The alkalinity of the concrete must not be higher than pH 10

Application Conditions

- 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 (09) 951 9552 Standard 1884.
- The key to a successful installation is consistent temperatures being maintained 48 hours prior to installation, during and 48 hours after installation.

Application Direction

- For the installation of textured back carpet tiles, composition tiles and double bond underlay, apply the adhesive using a 1.6mm V notch with the approx coverage of 5m² per litre. When bonding smooth backed carpet tiles and smooth backed underlay use a long nap roller at a coverage rate of 7m² per litre. Adhesive should be allowed to go from a white wet adhesive to a clear film before the flooring is applied into the adhesive film. When the adhesive is clear this means green tack has been achieved. Time for the adhesive to go clear will depend on atmospheric conditions. After installation roll the floor with a correct weighted roller and restrict foot traffic for 24 hours.

Limitations

- Drying times can be extended when applied in colder environments.
- Do not use on wet, dusty, contaminated, or friable substrates.
- Resistant only to the following: water, dilute acids, diluted caustic solutions, temporarily resistant to fuel, animal fats and oils, not resistant to organic acids, concentrated caustic solutions.
- Will not prevent damage to flooring system induced by excessive moisture transmission due to environmental factors like water leaks.

Health & Safety

May cause an allergic skin reaction. Causes serious eye irritation. Wear protective gloves and eye protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. If skin irritation or a rash occurs: Seek medical advice/attention. If eye irritation persists: Seek medical advice/attention. Wash contaminated clothing before reuse. Keep out of reach of children. Contains aminosilane. May produce an allergic reaction. Safety data sheet available on request. For further health and safety information, check the latest safety data sheet.

Product Disclaimer

Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. In every case we recommend that the customer conducts their own testing and accordingly determines, to their satisfaction, its suitability for their purpose under the operating conditions in which they will use the product/s.

For additional information, phone our Customer Service Centre on AU (02) 4858 1771 or NZ (09) 951 9552