Bond for Life.®

Technical Data Sheet

SiegelBond T35



Universal Vinyl Flooring Adhesive

Product Description

SiegelBond T35 is a high-performance dispersion adhesive with a short waiting time and extended working time. It is suitable for both wet-set adhesive applications and the double-drop method. Designed for use on floors and walls, exclusively for interior applications.

Product Advantages

- SiegelBond T35 is formulated to be exceptionally smooth and easy to trowel.
- SiegelBond T35 has a high initial green grab for most types of resilient flooring.
- SiegelBond T35 is easy to clean up in the wet state to improve workability.
- SiegelBond T35 is suitable for use over underfloor heating installations.
- SiegelBond T35 will withstand everyday wet cleaning practices.
- SiegelBond T35 gives as strong permanent bond to most subfloor types.

Application

SiegelBond T35 is suitable for the installation of dimensionally stable PVC flooring, LVT Tiles, Linoleum, rubber matting and sanded back sheet rubber flooring up to 4mm in thickness. It is also suitable for bonding textile floor coverings. For application on absorbent and levelled subfloors. Suitable for dense and non-absorbent substrates with the double drop method only.

Not recommended for flooring with low dimentional stability or for sundrop areas. For bonding LVT & LVP, correct acclimatisation and temperature control methods must be used when installing flooring.

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Consumption Estimate

Stir adhesive before use. Apply evenly with a notched trowel held at ~60° angle:

Smooth Back	V notch | 1.6mm	180–200 g/m²
Textured Back	V notch | 2.4mm	200–280 g/m²
Hard Hold Carpets	V notch | 3mm	250–320 g/m²

Technical Information

Type	Waterbased Acrylic Polymer Blend	Colour	Off White
Solids Content	71%	Open Time	10-45 mins
Low VOC Compliance	GBCA VOC compliant Yes	VOC content	GBCA - ASTM D3960-05 55 g/L
Shelf Life	12 months	Application Temperature	17-27°c*
Working Time	10-60 mins	Density	1.1
Loadable	24 hours	Joint Sealing	Joint Sealing 24 hours

*Check flooring manufacturers recommended application temperature range

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Subfloor Surface Preparation

- Ensure the subfloor surface is structurally sound, flat, smooth, clean, with no indentations and anti-adherents.
- Subfloor must be free of dust, dirt, grease, wax, loose paint, oil, sealers of any type, curing compounds, bond breakers, asphaltic residue, liquid adhesive remover, strippers, chemicals, or any other foreign substances that can potentially affect bonding. Cleaning the subfloor of loose particles with an industrial vacuum cleaner is recommended.
- If direct applying the adhesive to the subfloor, it must be flat to maximum 3mm over 3 meters, otherwise it will increase the risk of hollow spots and poor adhesion under the timber flooring.
- Any existing coating or adhesives must be completely removed. Mechanical treatment (e.g. shot blasting, grinding or sanding) may be required to achieve subfloor conditions mentioned above.
- It is recommended to assess slab moisture. If the slab is more than 2.5% moisture content measured with a concrete impedance moisture meter or more than 85% in-slab relative humidity, then additional means of protecting the floor from slab moisture is needed. Refer to moisture vapour protection properties of SiegelProof PRO2K and the SiegelPrime P12 information sheet. Please discuss technical requirements with Siegel for any floors with high moisture or relative humidity readings
- Radiant heated subfloors should be turned off 24 hours prior to and during installation to prevent premature curing of the adhesive.
- Recommended air temperature during floor installation – between 17°C - 27°c and relative humidity between 40% and 65%, subject to the requirements specified by the flooring manufacturer.

Application Conditions

- Always check the flooring manufacturer's recommendations to ensure installation requirements are met.
- Site temperature should be regulated between 17 - 27 degrees before and 48 hours after installation as per AS/NZS 1884:2001
- Before starting the installation, make sure that the floor or wall covering and the substrate are acclimatised to the recommended temperatures and R.H.
- The installation area, floor covering and substrate should be kept at the appropriate temperature as required by the floor covering manufacturer and section 4 of the current AS/NZS 1884:2001.
- The key to a successful installation is consistent temperatures being maintained 48 hours prior to installation, during and 48 hours after installation.
- Not recommended for flooring with low dimentional stability or for sundrop areas.
- For bonding LVT & LVP, correct acclimatisation and temperature control methods must be used when installing flooring.

Application Direction

- For smooth backed flooring, apply SiegelBond T35 to the subfloor with a 1.6mm 'V' notched trowel
- and 2.4mm 'V' notched for textured backed floorcovering. Spread the adhesive evenly to the prepared substrate holding trowel at approximately a 60-degree angle.
- When using a **wet set method** for LVP, spread adhesive and install floorcovering within 15 minutes. Install flooring by pressing floorcovering firmly and evenly into the adhesive bed. Check periodically to make sure that there is 100% adhesive transfer to the back of the floorcovering. Roll the floorcovering with recommended roller in both directions within an hour of installation.
- When using the **semi-wet method** of installation for Sheet Vinyl, let the adhesive dry for up to 20-40 minutes depending on the climate and subfloor conditions. Install flooring by pressing floorcovering firmly and evenly into the adhesive bed. Within an hour after the installation roll floor covering with recommended roller in both directions. SiegelBond T35 is used in semi-wet mode, please ensure that the trowel notches are flattened so the trowel lines do not show through the top flooring. This product should always be used with the floor-covering manufacturer's instructions.

Acclimatisation

- Minimum 48 hours prior to installation, in closed boxes, laid flat in the installation area
- Room temperature maintained between 18°C and 28°C before, during, and after installation

Post-installation

Temperature should remain steady between 18°C and 27°C for at least 72 hours after fitting, with fluctuations of no more than 3°C in any 12-hour period

Underfloor heating

Underfloor heating must be turned off 48 hours before installation and remain off during fitting and for a further 48 hours after, then gradually brought back to temperature over the following seven days

Limitations

- Drying times can be extended when applied in colder environments.
- Don't allow the adhesive to skin over or dry out; the bonding is dependent on wet contact.
- Don't apply adhesive in direct sunlight.
- 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