Bond for Life.®

Technical Data Sheet

# SiegelBond C60




## Premium Dual Bond Carpet Adhesive

## Product Description

SiegelBond C60 is a water-based carpet adhesive providing a strong tacky film of adhesive that is suitable for bonding carpets in both Direct Stick and Dual Bond installations. The adhesive offers a quick grab and has sufficient working time for smaller and larger installations.

## Product Advantages

- SiegelBond C60 is formulated to be exceptionally smooth and easy to trowel.
- SiegelBond C60 has a high initial green grab for most types of resilient flooring.
- SiegelBond C60 is easy to clean up in the wet state to improve workability.
- SiegelBond C60 is suitable for use over underfloor heating installations.
- SiegelBond C60 will withstand everyday wet cleaning practices.
- SiegelBond C60 gives as strong permanent bond to most subfloor types.

## Application

SiegelBond C60 is a hard set adhesive with high initial grab, specifically formulated for securely installing a wide range of flooring types, including dual bond underlays, hessian backed carpets, tufted backed carpets, most woven backed carpets, woven polypropylene, and jute-sided latex foam laminated slab underlays.

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## Consumption Estimate

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

| | | |
|---|---|---|
| Underlay to Subfloor | V1 Trowel \| V Notch 1.6mm | Coverage \| Up to 5 m²/L |
| Action Back Carpet | V2 Trowel \| V Notch 2.4mm | Coverage \| Up to 3 m²/L |
| Hessian Backed Carpets | V3 Trowel \| V Notch 3.2mm | Coverage \| Up to 2 m²/L |

## Technical Information

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| Type | Waterbased Acrylic Polymer Blend | Colour | Off White |
| Solids Content | 71% | Open Time | 10-45 mins |
| Low VOC Compliance | GBCA VOC compliant<br>Yes | VOC content | GBCA - ASTM D3960-05<br>55 g/L |
| Shelf Life | 12 months | Application Temperature | +10°c to +40°c |
| Loadable | 24 hours | Density | 1.2 |

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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 6% 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

Apply only when ambient and substrate temperatures are between +10 °C and +35 °C. Do not apply on substrates subject to rising damp. Subfloors must comply with Australian Standards 1884 and 2455, including moisture testing. For heavy traffic areas such as hospitals, airports, or where forklifts are used, consult Siegel Technical Services for alternative adhesive recommendations.

## Application Direction

- **Direct Stick Method:** Spread adhesive and lay carpet into the wet adhesive bed while it is still tacky. Open time varies with conditions — shorter in warm/dry sites, longer in cool/damp sites. Periodically lift the carpet to confirm complete adhesive transfer to the backing.
- **Dual Bond Method:** First bond the underlay to the subfloor with SiegelBond C60 using the appropriate notch. Once the underlay is secure, spread adhesive over the underlay surface and lay the carpet into the adhesive while tacky. Roll thoroughly to achieve full bond.
- **Laying the Carpet:** Position carpet carefully, avoiding air entrapment. Immediately after laying, roll with a 25–35 kg roller in both directions. Re-roll again within 30 minutes to strengthen adhesion and remove trapped air. Press or roll down seams and edges firmly to prevent curling or lifting.
- **After Installation:** Protect from foot traffic for 3–5 hours. Avoid heavy loads, rolling traffic, or cleaning for at least 24–48 hours. Do not seam seal until adhesive has set (normally after 24 hours). Always follow the carpet manufacturer's installation instructions.
- **Cleanup:** While wet: clean with warm soapy water. Once dry: soften with a suitable solvent and remove with a damp cloth.
- **Storage:** Store below 30 °C in a dry environment. Protect from frost. Shelf life: 12 months in unopened container.

## 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