

TECHICAL DATA SHEET STRONGBOND 970 MS Resilient Adhesive

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PRODUCT DESCRIPTION:

STRONGBOND 970 MS Resilient Adhesive is a single-part, VOC compliant isocyanate free water resistant resilient flooring adhesive. STRONGBOND 970 MS Resilient Adhesive is recommended for use in wet areas for bonding approved vinyl, rubber and linoleum floorcoverings to most common internal and external subfloors. It is suitable for areas such as bay windows, glass shop fronts, and other areas that are exposed to sun light. It has excellent plasticiser resistance and non-staining properties. It is protected against bio-degradation, withstands normal wet cleaning practices and is suitable for use over underfloor heating installations.

SURFACE PREPARATION:

To be in accordance with the current New Zealand NZAS 1884:2013, Australian Standards AS 1884:2021 & Australian Standard "Floor Coverings - 1884-2021 Resilient Sheet & Tiles - Laying & Maintenance Practices" All surfaces should be dry, smooth, sound, clean and free of wax, grease, oil, previously applied adhesive and other contaminants. Relative humidity of the concrete must be measured as per the AS1884- 2021 standard. RL1000 can be applied onto concrete substrates with moisture contents up to 85% relative humidity tested based on the In-Situ Probe method. Alkalinity of the concrete (pH) must not be higher than 10.

Subfloors must also be free hydrostatic pressure and laitance on concrete substrates should be removed prior to the use of this adhesive.

Curing time is related to temperature and this product should not be applied at temperatures below 10°C.

Test all concrete substrates for moisture content, according to the current Australian Standards prior to priming or the installation of any floorcoverings.

Priming is only generally required when installing on overly porous subfloors, if priming is required use RLA's PU95. Indentations and uneven concrete subfloors should be treated with the RLA range of levelling compounds and be in accordance with manufacturer's recommendations.

APPLICATION:

Spread adhesive with the recommended notched trowel.

Resilient Flooring Thickness up to 3mm & Smooth back flooring it is recommended to apply the adhesive with a 1.6mm x1.6mm 'V1' notched trowel.

Resilient Flooring Thickness over 4mm & Textured back resilient flooring – Linoleum, Rubber and Vinyl Sheeting apply adhesive with a 2.4mm x2.4mm 'V2' notched trowel.

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APPLICATION- Continue:

Once the pail is opened, remove the protective film material and apply the adhesive with the recommended notched trowel.

Apply only the amount of adhesive that can be covered within the open time of the adhesive.

Allow adhesive to air – generally 5-10 minutes at 20°C before lowering the floorcoverings into the Wet Film of adhesive and roll in both directions to ensure transfer has occurred.

Airing times will depend upon temperature, humidity conditions and substrate absorbency.

Ensure there is a 100% transference rate of adhesive to the back of the floorcovering.

Curing time is very much dependent upon temperature and ambient relative humidity.

The initial bond sets up within approximately 4-5 hours and final cure is reached after 7 days.

Over this 7 day period, the bond gradually increases in strength.

Do not allow heavy traffic for 24 hours.

As the adhesive is moisture curing, the unused adhesive in the pail should immediately be covered over with the protective film to ensure the adhesive doesn't skin over.

CLEAN UP

To clean up equipment and adhesive spills, use Cleaner / Thinners (flammable).

suitable Handy wipes are also recommended for use.

COVERAGE:

Resilient Flooring Thickness up to 3mm & Smooth back flooring – LVT, Rubber & Vinyl Sheeting

Trowel size – 1.6x 1.6 x1.6 'V1' notched

Coverage approx. 3-4 m²/kg

Resilient Flooring Thickness over 4mm & Textured back resilient flooring – Linoleum, Rubber and Vinyl Sheeting

Trowel size – 2.4x 2.4 x 2.4mm 'V2' notched

Coverage approx. 2-2.5 kg

SHELF LIFE / STORAGE:

12 months when stored in original unopened packaging

To be stored in a dry area off the ground.

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PACKAGING SIZES

10 Litre Pail

SAFETY & HANDLING

Refer to Material Safety Data Sheet. Avoid contact with skin and eyes, avoid breathing vapours. Wear protective gloves and safety glasses when mixing and using. These materials may cause skin irritation and/or sensitization.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre.

Skin: Wash off with warm water and soap. If swallowed, DO NOT induce vomiting. Give a glass of water. For advice or you feel unwell contact a Poisons Information Centre (Australia ph. 131126, New Zealand ph. 0800 764 766) or a doctor at once.

If swallowed do NOT induce vomiting.

IF SWALLOWED immediately call the Poisons Information centre or a doctor.

IF ON SKIN Remove immediately all contaminated clothing and wash skin with soap and water. If skin irritation occurs get medical advice/attention.

IF IN EYES Rinse carefully with water for several minutes. If eye irritation persists get medical advice/attention.



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Disclaimer

If the guidance provided by the floorcovering manufacturer contradicts the information presented in this Technical Data Sheet, it is essential to follow the guidance of the floorcovering manufacturer.

The information provided in this data sheet is accurate and based on our expertise and experience at the time of printing. It is your responsibility to ensure that you use and handle our products appropriately, following the applicable standards, instructions, and recommendations, and only for their intended purposes. We may update the information in this data sheet without prior notice to you to reflect our continuous research and development efforts. Specific installation recommendations may vary depending on local standards, codes of practice, building regulations, or industry guidelines. Our supply of products and services is subject to specific terms, warranties, and exclusions, which may have been previously disclosed to you or available upon request. It is essential that you familiarise yourself with these terms.

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