ROBERTS European Technology, Locally Made.

TDS Technical Data Sheet

ROBERTS R280 HT
Vinyl Plank & Tile Adhesive



DESCRIPTION:
ROBERTS R280 HT is an acrylic polymer, high-temperature hard set adhesive with a short open time and excellent adhesion. It is fibre–reinforced and highly shear-resistant with excellent plasticiser migration resistance and non-staining properties and provides resistance to temperature variations. It is for interior use only, is protected against biodegradation, withstands everyday cleaning practices, and is suitable for under-underfloor heating installations. It is ideal for bay windows, glass shop fronts, and other areas exposed to sunlight.

RECOMMENDED USE:
PVC Vinyl Plank and Tile flooring,
Vinyl Composite Tiles
It may also be used to install PVC commercial and domestic sheet vinyl if required.
Not suitable for Rubber Floorcoverings.

FEATURES & BENEFITS:
- ✓ Installer Friendly
- ✓ High Shear Strength
- ✓ Green Star Compliant
- ✓ Building Green Credits
- ✓ Solvent Free
- ✓ Low VOC Emission
- ✓ Anti-microbial Formulation
- ✓ Low Odour
- ✓ Australian Made

COVERAGE:
V1 1.6mm x 1.6mm notched trowel will achieve up to 5 square metres per litre.
V2 2.4mm x 2.4mm notched trowel will achieve up to 3 square metres per litre.

SURFACE PREPARATION:
Follow the recommendations of the current 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. And laitance on concrete substrates should be removed before using this adhesive.
If mechanical preparation is required, prepare the floor using recommended methods such as shot blasting and diamond grinding to provide a roughened, clean, sound surface.
Thoroughly vacuum loose material and dust.
Test all concrete substrates for moisture content.
The relative humidity of the concrete must be measured as per the AS1884- 2021 Australian Standard and the In-Situ Probe method ASTM F2170.
ROBERTS R280 HT Adhesive may be applied onto concrete substrates with moisture content up to 85% relative humidity tested based on
The alkalinity of the concrete must not be higher than 10. (pH).
Subfloors must also be free of hydrostatic pressure.
Curing time is related to temperature; this product should not be applied at temperatures below 10˚C.

PRIMING OR INSTALLING ANY FLOOR COVERINGS.
Priming is only generally required when installed on overly porous subfloors,
If priming is required, use *Roberts R48 Universal Primer*
Indentations and uneven concrete subfloors should be treated with the Roberts Product range of levelling compounds and by the manufacturer's recommendations.

Where temperatures are less than 10°C or higher than 30°C, please contact RLA Technical department for further details.

APPLICATION:

For the application of Vinyl, Vinyl Planks and Vinyl Composite Tiles, it is recommended that adhesive be spread with a 1.6mm x1.6mm 'V1" notched trowel. For Some Vinyl Planks with a textured or embossed backing; it is recommended to apply the adhesive with a 2.4mm x 2.4mm 'V2" notched trowel.

Apply only the amount of adhesive that can be covered within the short open time of the adhesive. Allow adhesive to have an open time – generally 5 minutes at 20°C before lowering the floorcoverings into the WET Film of adhesive and roll to ensure transfer has occurred.

Tack-up time will depend upon atmospheric conditions and substrate absorbency. Complete installation according to the floorcoverings manufacturer's instructions, ensuring the installation is rolled in both directions with the recommended roller weight before the adhesive setting.

Do not allow heavy traffic for 24 hours.

NOTE: For installations in front windows or that are exposed to direct sunlight, please ensure the area is shaded during installation and is in accordance with the relevant Resilient Floorcoverings Australian Standards.

APPLICATION DATA:

Appearance	**Creamy white paste**
Open Time	**0-10minutes @ 20°C**
Installation Time	**0-10minutes @ 20°C**
Application Temperature	**10°C-30°C**
Set to Traffic	**24 hours**

CLEAN UP:

To clean up equipment and adhesive spills whilst wet, use a suitable cleaning solvent (flammable) with care. Once cured, this adhesive can only be removed mechanically.

SHELF LIFE / STORAGE:

12 months when stored in original unopened packaging

To be stored in a dry area off the ground.

CONTAINER SIZES:

15-litre Plastic Containers.

NOTES & PRECAUTIONS:

- Drying times can be extended when applied in cold ambient temperatures.
- Don't apply adhesive in direct sunlight
- **INTERNAL USE ONLY**.

SAFETY & HANDLING:

- Wear suitable respiratory protection.
- Use in well-ventilated areas.
- Avoid contact with skin and eyes.
- Wear eye protection and suitable gloves and clothing.
- Do not eat, drink, or smoke while using this product.
- Take off contaminated clothing and wash it before reuse.
- If on the skin, wash with plenty of soap and water.
- If in the eyes: rinse cautiously with water for several minutes.
- Remove contact lenses; if present, continue rinsing.
- If inhaled, remove them to fresh air and keep them at rest in a position comfortable for breathing.
- If any skin or eye irritation persists or you feel unwell, get medical attention.

The Safety Data Sheet is available upon request.

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 if 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.

WARRANTY STATEMENT:

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specifications.
We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.
RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out per the relevant Australian Standard and the Floorcovering Manufacturer's instructions and the floorcoverings must be subject to normal traffic conditions.
Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.
Sufficient time and access to investigate any complaint must be accorded to RLA Polymers.
The consumer is responsible for any expenses incurred in making a claim.
A claim form can be requested by:

PHONE: 1800 242 931
EMAIL: info@rlapolymers.com.au
MAIL: 215 Colchester Road Kilsyth Victoria 3137 (Attention Customer Service)
WEBSITE: www.rlapolymers.com.au

AUSTRALIAN CONSUMER LAW:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

DISCLAIMER:

All statements and technical information contained herein are based on tests we believe to be reliable, but the accuracy thereof is not guaranteed.
Users assume all risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. Conditions of Sale contain a limited warranty against manufacturing defects.