ROBERTS

ROBERTS 640

Pressure Sensitive Adhesive



DESCRIPTION:

ROBERTS R640 is a solvent free, Pressure Sensitive Adhesive formulated for installing cushion back carpet tiles and reinforced vinyl composition tiles. It can also be applied for the installing double bond carpet underlays and other various carpet tiles.
Roberts R640 can be applied to concrete substrates with moisture contents up to 95% Relative Humidity (moisture reducing) tested with the In- Situ Probe method, and concrete substrates with pH readings of up to 12.0

FEATURES & BENEFITS:

- ✓ 95% RH Resistant Formulation
- ✓ Installer Friendly
- ✓ Building Green Credits
- ✓ Green Star Compliant
- ✓ Solvent Free
- ✓ Low VOC Emission
- ✓ Anti-microbial formulation
- ✓ Low Odour
- ✓ Australian made

USES:

Roberts R640 Pressure Sensitive Adhesive is suitable for use with:

- Cushion Back Carpet Tiles
- Double bond underlays to substrate.
- Carpet tiles to Double bond Underlays
- For securing reinforced Vinyl Composition (VCT) Tiles, Vinyl Planks with an embossed backing system,
- Loose Lay Vinyl Planks

SURFACE PREPARATION:

Follow all current Australian Standards, Including, Australian Standard 2455.2.2019 “Textile Floor Coverings Installation Practice” & “Floor Coverings 1884-2021 Resilient Sheet & Tiles - Laying & Maintenance Practices”.

All surfaces to be bonded shall be absorbent, dry, smooth, sound, and clean.
Subfloors must also be free of wax, grease, paint, previously used adhesive, polish, PVC-based membranes, curing compounds, hydrostatic pressure and any other impurities that may affect adhesion.

The minimum subfloor temperature before commencing surface preparation and adhesive application is 10°C.
Roberts R640 Pressure Sensitive Adhesive can be applied to concrete substrates with up to 95% moisture content.
Relative Humidity is tested with the In-Situ Probe method as outlined in ASTM F2170.
Test all concrete substrate flooring for moisture content according to Australian Standards and Manufacturers Recommendations.
Roberts R640 Pressure Sensitive Carpet Tile Adhesive can be used on concrete substrates with pH readings up to 12.0.
If mechanical preparation is required, prepare the floor using recommended techniques such as shot blasting and diamond grinding to provide a roughened, clean, sound, and open porous surface.
Thoroughly vacuum loose material and dust.

Before applying adhesive, it is recommended that highly absorbent concrete subfloors be primed with **ROBERTS R48 UNIVERSAL PRIMER** floor and wall primer before using adhesive.
Indentations and uneven concrete subfloors should be treated with the **ROBERTS RANGE OF LEVELLING COMPOUNDS** per the manufacturer’s recommendations.

Where temperatures are less than 5°C or higher than 35°C, please contact RLA Technical department for further details.

APPLICATION:

For securing Double-Bond underlays to a substrate, applying adhesive with a long nap roller with a pile height no less than 10mm. Alternatively, a 1.6mm x 1.6mm "V1" notched trowel is also recommended.
For bonding cushioned back modular Carpet Tiles and various other carpet tiles, apply adhesive using a long nap roller with a pile height of no less than 10mm. Alternatively, a 1.6mm x 1.6mm "V1" notched trowel is also recommended.
For securing reinforced Vinyl Composition Tiles (VCT), Vinyl Planks with an embossed backing system, Loose Lay Vinyl Planks and Cushion Back Carpet Tiles to a subfloor, a 1.6mm x 1.6mm "V1" notched trowel is recommended.
Alternatively, if a stronger bond is required, a 2.4mm x 2.4mm "V2" notched trowel is also recommended.
For installation of Carpet Tiles on double bond underlays, a 1.6mm x 1.6mm "V1" notched trowel is recommended
Depending upon the porosity of the underlay, the second application of adhesive may be required, or a 2.4mm x 2.4mm "V2" notched trowel is recommended.
When using Roberts 640 Pressure Sensitive Adhesive in dry mode, allow the adhesive to dry and become clear. This will limit the transfer of the adhesive to the back of the carpet tiles, enabling them to be relayed or repositioned with a clean backing.
A stronger bond can be achieved by laying the material into the adhesive film just before it completely dries; this will cause some transfer onto the back of the material.
Complete installation according to Floorcoverings manufacturer's instructions, ensuring the installation is rolled in both directions with the recommended roller weight.
Do not allow heavy traffic for 24 hours.

SETTING TIMES:

Roberts 640 Pressure Sensitive Adhesive will tack up and turn clear after approximately 30 minutes to 1 hour at 20°
Allow 24 hours drying before area is subject to heavy traffic

Note: *Times may vary depending on substrate absorbency, temperature and humidity*

CLEAN UP:

Clean tools immediately after use with warm soapy water. The dried adhesive may be cleaned off using **ROBERTS 550** Latex/Acrylic Adhesive Remover applied to a damp cloth, then rubbed gently over the dried adhesive or with RLA Handy Wipes.

SHELF LIFE & STORAGE:

- 12 months stored in original unopened packaging
- Best stored in a dry area at room temperature
- Keep off cold floors and out of direct sunlight

PACKAGING:

15litre pails

HEALTH & SAFETY:

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

NOTES & PRECAUTIONS:

- Drying times can be extended when applied in cold ambient temperatures.
- Don't apply adhesive in direct sunlight.
- Do not apply on substrates with rising dampness.

INTERNAL USE ONLY

TECHNICAL DATA:

PRODUCT INFORMATION:	
Appearance	Creamy Paste
Packaging	15 Litre
Application Temperature	10°C to +30°C
Set to Traffic	24 hours
SPREAD RATE.	
Long Nap Roller 10mm	8m²
1.6mm V1	5m²
2.4mm V2	3m²

Note: *Spread rates may vary depending on the condition and substrate absorbency*.

WARRANTY STATEMENT:

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.
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 in accordance with relevant Australian Standards.
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.

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