

# SabreGrip™ R74

SabreGrip R74 is a single-part moisture-cure urethane foam adhesive designed specifically for bonding insulation boards in flat roof applications. Successful bonds are achieved when bonding ISO boards, tissue faced insulation boards, PIR and PUR boards to a variety of roof decks including concrete, plywood and cementitious boards. SabreGrip R74 PU also works with EPS or XPS (expanded and extruded polystyrene) and will adhere insulation boards to existing felt for re-roof applications.

## Benefits

- Fast, clean and consistent application
- Foam doesn't continue to rise
- Tough bondline
- Good extrudability in low temp conditions



## Directions for Use

- This product is designed to be applied to the roof deck. For best results, the temperature of the adhesive and the surfaces being bonded should be between 16 °C - 27 °C.
- Use with adequate ventilation. When possible we recommend shaking the canister well before using.
- Attach and secure hose tightly onto the spray gun with required tip. Attach the other end of the hose onto the canister. Make sure the hose-valve connections are securely tight. Open the valve on the canister slowly and fully, check for leaks during this process. Unlock the trigger on the spray gun to start spraying.
- Prior to use, check compatibility by spraying a small test patch of the adhesive on the substrate. This product may degrade some substrates.

- 1 Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc.
- 2 Bead about 100mm - 200mm away at a 45 degree angle to the surface, applying a consistent 20-30mm wide bead every 300mm.
- 3 Place insulation boards onto beads of adhesive immediately without pressure.
- 4 Wait 5 minutes for adhesive to set, before walking insulation board in.
- 5 If the spray tip clogs, unscrew the spray tip from the gun and clean with solvent such as lacquer thinner or acetone. Do not use a pin on the spray tip.

### Handling & Storage

- Consult Material Safety Data Sheet prior to use
- Do not store at temperatures over 50°C
- Avoid exposure to direct sunlight
- Do not store directly on concrete floor
- For optimum performance, store at 18°C during use, but must always be above 10°C.
- When connected, keep valve open and hose pressurised at all times.
- Do not close valve until ready to connect to new cylinder.
- Release pressure in hose before disconnection.
- Always test product to determine suitability for your particular application prior to use in production.

### Canister Storage & Change Over

Turn valve on canister into the off position, spray out remaining adhesive left in the hose, disconnect the spray hose and gun from the canister.

Reconnect the spray hose to a canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean. If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open. Do not disconnect the hose/gun from the canister. Close and lock the spray gun.

### Chemical Technical Data

<b>Shelf Life</b>	12 months
<b>Appearance</b>	Green
<b>Temperature Resistance</b>	-30°C to 160°C
<b>Solvent System</b>	Polyethylene - Polyphenol
<b>Coverage</b>	620Lm - 22L canister 340Lm - 13L canister
<b>Solids</b>	100%
<b>VOC Content</b>	431 grams per litre
<b>Storage</b>	5°C - 25°C

### Packaging & Colour



- Available colours:** Green  
**Packaging size:** • Canister 22L  
• Canister 13L

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#### IMPORTANT NOTICE

Sabre Adhesives Limited makes no warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application. Due to the fact that specific substrates, such as: plastics, polycarbonates, etc, may differ from manufacturer to manufacturer we recommend preliminary compatibility tests. Please remember that many factors can affect the use and performance in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a product. Given the variety of factors that can affect the use of our products some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

#### LIMITATION OF REMEDIES AND LIABILITY

If the product is proved to be defective, the sole remedy shall be to refund the purchase price or to repair or replace the defective product. Sabre shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

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