

# SabreGrip™ R71

SabreGrip R71 is a non-chlorinated, polyurethane spray adhesive, designed to be applied single sided to the roof deck only. It has been specifically designed for bonding all fleecebacked single ply membranes including TPO/FPO, EPDM and PVC, to various roof decks such as insulation boards, concrete, plywood, cementitious boards and existing asphalt/bituminous surfaces. SabreGrip R71 sprays in a unique snowflake spray pattern, designed to give a slight foaming effect to droplets on the surface so that the adhesive keys with the fleece or scrim backing in the membranes for optimum adhesion performance.

## Benefits

- 100% waterproof
- Structural curing bond line
- Non-Chlorinated solvent (NC)
- Compatible with all fleeceback membranes



## 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 60°F - 80°F (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 Spray about 15 - 30 cm (6" - 12") away at a 45 degree angle to the surface, applying a uniform, even coat of adhesive to obtain 60% to 80% coverage of the surface. If necessary, spray another coat of adhesive in areas that appear to need more adhesive.
- 3 Allow 1 - 2 minutes for the adhesive to tack off, make sure to apply membrane within 10 minutes of applying adhesive.
- 4 Adhere surfaces and press together with adequate pressure. A roller is recommended to apply a uniform pressure to achieve maximum strength. Allow 24 hours for the adhesive to fully cure.
- 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>	9 months
<b>Appearance</b>	Red
<b>Temperature Resistance</b>	-30°C to 140°C
<b>Solvent System</b>	Non-chlorinated
<b>Coverage</b>	150m <sup>2</sup>
<b>Solids</b>	66% - 70%
<b>VOC Content</b>	Less than 160 grams per litre
<b>Storage</b>	5°C-25°C

### Packaging & Colour



- Available colours:** Red  
**Packaging size:** Canister 22L  
• Coverage 150m<sup>2</sup> approx.

#### DISCLAIMER OF WARRANTY

Manufacturer and distributor of this product make no warranty, express or implied, including, but not limited to any implied warranty of fitness for a particular purpose. No warranty is made as to the use or effects incidental to such use, handling or possession of the materials herein described. User is responsible for determining whether this product is fit for a particular purpose and method of application and assumes all risk and liability associated herewith. Manufacturer liability is limited to replacement of product or reimbursement of purchase cost at its sole discretion. No representative of ours has authority to change this provision which relates to all sales.

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## Spill or Leaks

Wear appropriate protective clothing and equipment. Extinguish all ignition sources. Dam and recover. Prevent entry into drainage systems, rivers and waterways etc. Collect with absorbent materials such as sand, earth or appropriate commercial absorbent. Shovel up with non-sparking tools then place into suitable containers for disposal as per Local / State or Federal Regulations. Empty containers may have product residue. Follow safety procedures until empty container is cleared.

## Warnings

For industrial use only. Use in ventilated areas. Do not store above 48°C. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Keep out of reach of children.

## Fire

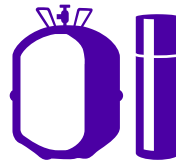
In case of fire use Carbon Dioxide Foam or Dry Chemical. Do not use Water Jets.

## Caution

These materials may be harmful if swallowed or inhaled and may cause skin or eye irritation. Avoid breathing vapour. Use only in well-ventilated areas and wear appropriate personal protection equipment. Avoid contact with skin and eyes. Do not eat, drink or smoke while using. Keep away from heat, sparks, open flames and any other sources of ignition. Do not contaminate water supply. Dispose of empty containers safely. Additional information is listed in the Material Safety Data sheets.

## Disposal

Once hose has been removed and placed on a new tank, open the valve completely and allow all vapours to escape. Leave valve open. Punch out emergency relief valve (on top of cylinder dome) with a hammer and punch. Recycle cylinder as scrap metal.



## Packaging

- 17.2kg Disposable Canister
- 500ml aerosol

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