

Viking Data Sheet

Cav-Grip III Low VOC Low Temp Adhesive for Enviroclad and Epiclad

Viking Cav-Grip III use

The Viking Cav-Grip III Low VOC / Low temperature adhesive system is to be used for Enviroclad TPO and Epiclad EPDM membranes for all areas of the field and upstands including gutters.

It cannot be used for Fleece-back membranes on the field areas of the roof where Viking Flexible FAST should be used, but Viking Cav-Grip III can be used on the upstands only of Fleece-back membrane installations.

Benefits are Quick setup » No Stirring needed » Easy clean-up » Low odour and Low-VOC » Estimated up to 60% labour savings compared to traditional bonding adhesive application » Suitable for use at lower temperatures.

Coverage - Limitations - Properties

Coverage	90m ²
Dry-time	less than 5 mins <i>Tacky without transfer to a dry finger</i>
Material adhesion	Enviroclad / Epiclad <i>Fleece-back upstands only</i>
Substrates	Ply, Concrete, Steel, PIR, Fibre-cement
Temperatures	-3°C to 43°C max <i>Dew can still form at lower temps</i>
Storage	21°C - 40°C max
Shelf Life	12 months (unopened container)
Colour	Light Green
VOC Content / Odour	248 g/L / Low
Solvent	Cyclohexane/Acetone

Quick Notes:

1. Refer to Storage and Installation information.
2. Propellant in cylinders must be kept above 21°C for the adhesive to spray properly
3. Keep spray gun trigger locked when not in use.
4. Keeping cylinder valve open to maintain pressure in the hose and spray gun for up to 30 days.
5. Periodically spray in a safe manner to help prevent possible clogging.
6. Flush gun and hose with Low-VOC UN-TACK for long-term storage beyond 30 days.

Components

STP904 Cav Grip III Adhesive
 STP907 Untack Cav Grip III cleaning system
 STP906 CAV Grip Spray Gun
 STP908 Cav Grip Spray Gun with extension
 STP905 Cav Grip Hose (1.8m)
 STP905a Cav Grip Hose (3.6m)
 STP905b Cav Grip Hose (5.4m)
 STP909 Cav Grip Spray Gun replacement Tip

Page 1 of 2

STORAGE:

Store cylinders in protected, conditioned space with temperature maintained above 21°C. Do not store or heat cylinders where temperatures reach 43°C or higher. Contents are flammable. Store within NZ Safety regulations.

Store cylinders in a clearly identified, dry, well-ventilated storage area that is not exposed to heat or the direct rays of the sun, and away from doorways, aisles, elevators, and stairs. Store cylinders, both empty and full, in the upright position and secure with an insulated chain or non-conductive belt.

PRECAUTIONS:

CAV-GRIP III is a flammable liquid propellant and vapour. Vapours are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from the material handling point and flashback. Keep away from open flame. Use with adequate ventilation. Avoid inhalation of spray mist or vapours. Harmful or fatal if swallowed. May cause eye irritation. Keep out of reach of children.

Review Safety Data Sheet for complete safety information prior to use. Use of goggles and gloves is required. Cylinders are not refillable and when empty are harmless and disposable. Dispose according to local codes and laws. Read safety precautions and warnings on cylinder label. Wear gloves and goggles before using this product. Do not aim spray gun at people or animals at any time. PPE Gloves must be used while handling material. For industrial professional use only.

INSTALLATION

1. With adjustable crescent connect spray gun to hose and connect hose to cylinder. Use lithium grease or petroleum jelly on all fittings and be careful to avoid cross-threading.

Open valve on cylinder to check fittings for leaks.

Keep cylinder valve open to maintain pressure in the hose/spray gun when not in use.

2. CAV-GRIP III can be applied at ambient temperature of -3°C and warmer.

Propellant in cylinders must be kept above 21°C for the adhesive to spray properly. Utilize *power-heated blankets and hot boxes when necessary. Ensure that cylinder temperatures stay below 43°C.

Substrate shall be clean, dry, and free of debris and contaminants.

3. For applications taking place in ambient temperature below 21°C, store cylinders in heated space and move to project area during application. Cylinders must be kept warm on the jobsite. Dispense product from cylinder while it is still warm. When product in cylinder becomes too cold, it will begin to spit rather than spray. If this occurs, swap cold cylinder for warmer one and return cold cylinder to heated area. When changing cylinder, close the valve on the cylinder and depressurize the hose. Remove the hose and attach to the new cylinder. Open valve and do a test spray.

4. Apply CAV-GRIP III in an even coat to substrate (refer to the drawing on the next page), keeping the spray tip approximately 300mm (12") away and perpendicular to the surface during spray. Avoid high thickness build-up.

5. Allow CAV-GRIP III to flash-off until it does not transfer to finger when touched. Limit application of CAV-GRIP III to surfaces that will be covered with membrane or Carlisle's VapAir Seal 725TR the same day.

**Gas Bottle Wraps keep bottles at 28°C / \$395 each.*

Contact: info@vaporgas.co.nz Phone: +64 9 630 3389

WEB: <https://www.vaporgas.co.nz/products/vaporisers/>

Page 2 of 2