

Sika Sarnafil

World Class Roofing and Waterproofing

ROOFING TECHNICAL BULLETIN

#03-09

To: Authorized Roofing Applicators
Sika Sarnafil Sales Staff & Sales Representatives
Sika Sarnafil Regional Technical Staff
Sika Sarnafil Customer Service Staff
Sika Sarnafil Services Staff

From: Technical Service Department

Re: Flashing with Sarnacol 2121

Flashing details should be adhered with 2170 when possible. If project specifications do not allow the use of 2170 due to local codes or restrictions then the following options are available for bareback membrane.

Low Voc flashing options

- A) Stabond U-148** low voc adhesive for flashing details. See product data bulletin for details.
- B) Mechanical securement** – See approved detail MA 3.6
- C) Sarnaclad metal** – Use the applicable Sika Sarnafil details: AD 3.7, AD 3.8, MA 3.7 or MA 3.8.
- D) Sarnacol 2121** can be used for flashing although precise timing and additional securement is required as follows:
 - 1) Follow the typical Sarnacol 2121 coverage rates for the specified surface being adhered to. Using a 3/8 inch nap roller or a paint brush, Sarnacol 2121 is applied as a two sided application using approximately one half of the specified coverage rate on the substrate and half on the membrane backside.
 - 2) Rather than applying the membrane into wet adhesive as would be done on a flat application, let the adhesive dry until it strings to a dry finger touch. This may take up to 10-15 minutes on a warm day or up to 30 minutes in cool temperatures.
 - 3) When the adhesive has dried sufficiently as described above, the membrane should be set in place insuring full contact with the flashing substrate. The membrane should then be rolled with a 3 inch silicone roller to insure full adhesion. Once adhered to the flashing substrate, the membrane should then be secured at the top with mechanical fastening. When Sarnacol 2121 is used for flashing, mechanical securement must be installed by the end of each day at the latest.
 - 4) Upon completion of mechanical securement, membrane again must be rolled into place to insure proper contact and adhesion.



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Installation tips when using Sarnacol 2121 as a flashing adhesive:

- Where possible, the membrane should be creased at vertical and horizontal angle changes to insure crisp, tight angle changes. Use a silicone roller to crease the G-410 membrane prior to mating the surfaces.
- The base flange of wall flashings should be welded as soon as possible after the flashing membrane has been adhered to the wall. This will help to keep the angle changes tight and prevent bridging.
- Precautionary measures must be taken to avoid exposing Sarnacol 2121 to low temperatures. Sarnacol 2121 may only be used and stored in temperatures greater than 40 °F (5°C) and rising.



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