

# TECHNICAL BULLETIN

## TARGET MARKET ROOFING



BUILDING TRUST



### Subject: Water Based Adhesives - Application Method for Wall Flashing

**NOTE:** Flashing details should be adhered with Sarnacol® 2170 or 2170VC when possible. If project specifications do not allow the use of such products due to local codes or restrictions then the following is an acceptable application.

**Sarnafil® and Sikaplan® Water Based** adhesives can be used for flashing although precise timing and additional securement is required, below are the required steps:

- 1) The typical coverage rate of 100 ft<sup>2</sup>/gal (2.5 m<sup>2</sup>/L) will be adequate for most flashing substrates, depending on the porosity of the substrate results may differ. Using a 3/8 inch nap roller or a paint brush, apply water based adhesive as a two sided application using approximately 2/3 of the specified coverage rate on the substrate and 1/3 on the membrane backside.
- 2) 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, on both the substrate surface and backside of membrane. Both should string at the same time, if substrate or membrane dries before the other is ready, a light, touch up of adhesive shall be applied.
- 3) Once substrate and backside of membrane become tacky, the membrane should be set in place insuring full contact with the flashing substrate. Roll the membrane with a steel hand roller to insure complete adhesion to the substrate. Once adhered to the flashing substrate, the membrane should then be secured at the top with approved mechanical fastening, mechanical securement must be installed by the end of each day at the latest.
- 4) Upon completion of mechanical securement, membrane must again be rolled into place to insure proper contact and adhesion.

### Installation tips when using Sarnafil and Sikaplan Water Based adhesives 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 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 water based adhesives to low temperatures. Sarnafil and Sikaplan Water Based adhesives may only be used **when temperatures are 40°F (5°C) and rising and should not be used when temperatures are expected to fall below 40°F (5°C) during the initial curing period of 72 hours.**