

Sika Sarnafil

World Class Roofing and Waterproofing

ROOFING TECHNICAL BULLETIN

#04-11

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

From: Technical Service Department

Date: 03-24-11

Re: Updates to Adhered System Requirements

Peel stop and long term warranty restrictions for adhered systems projects with adhered insulation have been modified. These changes **DO NOT** apply to insulations adhered with asphalt. All other requirements remain unchanged.

Additionally, please note that United States Gypsum (USG) Securock Roof Board can now be specified in a similar fashion as Georgia Pacific DensDeck (i.e. all technical requirements are equally applicable to both DensDeck and Securerock).

New Peel Stop Requirements

Peel stops are no longer required on adhered insulation projects that meet all the following conditions:

- Warranty duration is 20 years or less.
- Standard wind speed warranty is less than or equal to 60 mph.
- Boards are adhered with Sarnacol 2163 or Olybond adhesives.
- On steel deck installations the first layer must be secured with fasteners and plates.

Our minimum requirement for peel stop is Sarnastop fastened at a minimum rate of 12 inches on center.



New Long Term (25 & 30 Year) Warranties Requirements

Adhered insulation projects now qualify for long term warranties subject to the following conditions:

- Boards are adhered with Sarnacol 2163 or Olybond 500 adhesives.
- In climates with January design temperature $\geq 40^{\circ}\text{F}$ (4°C) and interior relative humidity is $\leq 45\%$;
 - Concrete: Directly to deck in new and tear-off/re-roof applications.
 - Steel (min. 22 gauge) and Wood (min. 3/4 inch plywood or T&G): The first layer must be secured with fasteners and plates.
- In climates with January design temperature $< 40^{\circ}\text{F}$ (4°C) and interior relative humidity is $\geq 45\%$;
 - Require Sarnavap SA (and primer as required).
 - Concrete: Directly to deck in new and tear-off/re-roof applications.
 - Steel (min. 22 gauge) and Wood (min. 3/4 inch plywood or T&G): The first layer must be secured with fasteners and plates.

Note: In tear-off and re-roof applications adhesion / pull-tests **MUST** be done by OMG or ADCO prior to project being specified and bid.

Reminders

- In re-roof applications where the requested warranty duration is 15 years or greater; a roof survey report is required consisting of a moisture scan or multiple roof cuts.
- In tear-off and re-roof applications fastener pullout tests are required.
- Fastener pullout tests are to be performed according to ANAI/SPRI FX-1-2006 (<http://www.spri.org/pdf/FX-1-2006.pdf>). A minimum of 10 pullouts for up to 50,000 square feet, and 5 additional pullouts for each additional 50,000 square feet or portion thereof on each roof. Perform the pullouts in various areas of the roof, including corners, perimeter, and field, to provide a representative sampling of roof area. Fifty percent (50%) of the tests shall be performed in the corners and perimeter areas.
- The location and results/values of the moisture survey or each pullout test are to be documented on a roof plan and submitted to respective regional office.

Encl:

OMG Rep List (1-21-11).pdf (4 pages)

ADCO Field Support for OEM Customers (3-9-11).pdf (1 page)