

TECHNICAL BULLETIN

FOR TARGET MARKET ROOFING



BUILDING TRUST



Subject: Re-roofing of Existing Coal Tar Pitch Roofs with Sika Membranes

21-04

The following procedures are necessary when re-roofing over existing coal tar roofs older than 10-years in age with Sarnafil® and Sikaplan® roofing membranes.

Adhered Roofing Systems

A. Insulation mechanically attached

- Remove all loose gravel and debris by means of vacuuming, power brooming or combination of both to provide a clean, dust free and dry surface.
- Cut out all blisters and properly repair and seal as necessary.
- Mechanically attach a minimum 1-inch layer of insulation with the appropriate Sika fastener and plate or a combination mechanically attached insulation and cover board adhered with Sarnacol® 2163 Board Adhesive, Sarnacol OM Board Adhesive or Sarnacol AD Board Adhesive or all layers mechanically attached.
- Adhere Sika membrane with appropriate Sika membrane adhesive and hot air weld seams and details.

B. Insulation attached with Sarnacol OM Board Adhesive

- Remove all loose gravel and debris by means of vacuuming, power brooming or combination of both to provide a clean, dust free and dry surface.
- Cut out all blisters and properly repair and seal as necessary.
- Apply a minimum 2-inch layer of insulation into ribbons of Sarnacol OM Board Adhesive or a combination of insulation and cover board. Adhesion test is required to determine ribbon spacing to existing.
- Adhere Sika membrane with appropriate Sika membrane adhesive and hot air weld seams and details.

C. Insulation attachment with Sarnacol 2163 Board Adhesive or Sarnacol AD Board Adhesive

- Remove all loose gravel and debris by means of vacuuming, power brooming or combination of both to provide a clean, dust free and dry surface.
- Cut out all blisters and properly repair and seal as necessary.

- Apply a minimum 1-inch layer of insulation into ribbons of Sarnacol 2163 Board Adhesive or Sarnacol AD Board Adhesive or combination of insulation and cover board. Adhesion test is required to determine ribbon spacing to existing.
- Adhere Sika membrane with appropriate Sika membrane adhesive and hot air weld seams and details.

Mechanically Fastened Roofing Systems

A. Insulation mechanically attached

- Remove all loose gravel and debris by means of vacuuming, power brooming or combination of both to provide a clean, dust free and dry surface.
- Apply a minimum 1-inch layer of insulation and mechanically attached with the appropriate Sika fastener and Sika plate or a combination of insulation and cover board to achieve 1-inch minimum.
- Mechanically attach Sikaplan or Sarnafil S 327 membrane with the appropriate Sika fastener and seam plate at approved spacing and hot air weld seams and details.

Loose Laid Ballasted Systems

A. Loose laid insulation

- Remove all loose gravel and debris by means of vacuuming, power brooming or combination of both to provide a clean, dust free and dry surface.
- Apply a minimum 1-inch layer of insulation or a combination of insulation and cover board to achieve 1-inch minimum.
- Loose lay Sarnafil G 410 membrane and hot air weld seams and details.
- Install protection layer of 6-mil polyethylene and either PVC Protection Layer or NWP Separation Layer.
- Install ballast stone or pavers.