

TECHNICAL BULLETIN

TARGET MARKET ROOFING & WATERPROOFING

BUILDING TRUST



Subject: Sikalastic® Gravel Roof Resurface System - Sikalastic®-720 Base mixed w/ CRM Crumb Rubber, BU-LAM.
25-03

Application:

Sikalastic®720 Base, is a two-component polyurethane; fast chemical curing, solvent free, aromatic base coat resin.
CRM Crumb Rubber is 100% recycled aggregate made from vehicle tires.

The Gravel Roof Resurfacing system is designed to refurbish old asphalt and gravel roofs; an alternate solution to a tear off/replacement. The base resin and crumb rubber are mixed together onsite and applied to a cleaned, vacuumed and primed (**Sikalastic® EP Primer/Sealer**) existing gravel roof. The proprietary resin and aggregate mix fill in the rough dips and grooves creating a relatively smooth base for the Sikalastic top coat system.

System for Existing Asphalt and Gravel Roofs

1. Prep the substrate and apply Sikalastic EP Primer/Sealer, allow to cure.
2. Mix Sikalastic 702 Base Part A to even color & constancy; Mix Part B to even consistency(product settles); Mix Part B into Part A, Mix 3-min.
3. Mix CRM Crumb Rubber into the properly mixed Sikalastic 720 Base:
- Crumb Rubber filler is at a ratio of 0.8-1 by volume (4-gals by volume crumb rubber to 5-gals Sikalastic 720 Base) Mix 1-min for even distribution of the aggregate.
4. Pour 720 aggregate mixture in ribbon pattern over primed roof surface and spread with flat ¼” notched squeegee. Back roll with spiked roller immediately after squeegee application to release trapped air. (Take care not to let resin flow into drains or other openings or off the roof). Cure for 3-4 hrs.
5. After proper cure of 720 base with aggregate apply Sikalastic fully reinforced system or a Sikalastic 500, Silicone roof coating.

Additional Notes:

- Existing asphalt & gravel roof must be dust free prior to primer application
- Existing roof must be infrared scanned and all wet, damaged areas are removed & replaced with like-in-kind
- Sikalastic 720 Base is semi self-leveling, be aware & take precautions to keep from entering openings or running off the roof
- Sikalastic 720 Base is not UV stable and must be covered within 48-hrs of application/exposure
- CRM Crumb Rubber is proprietary and cannot be substituted
- This system is not for cold tar pitch roofs
- Product attributes:
 - Sikalastic 720 Base is solvent free
 - Chemical quick cure
 - CRM Crumb Rubber is 100% recycled vehicle tires
 - Sustainable solution for aging asphalt & gravel roofs

Click here [Installation Guides](#) for full installation instructions.

Click here [Gravel Roof Resurfacing](#) for product information, PDS and SDS documents