



ROOFING & WATERPROOFING

SIKALASTIC® GRAVEL ROOF RESURFACE SYSTEM APPLICATION GUIDE

FLOOD COAT SIKALASTIC® 720 BASE/CRM RECYCLED CRUMB RUBBER

SURFACE PREP

Remove all loose gravel by most appropriate means, vacuum, sweep, pressure wash or wet vacuum to remove all dust, dirt, and debris leaving a clean sound surface. Allow to dry.

If wet removal is not possible then all dust and debris must be removed with a field approved technique.

PRIMER

Mix and apply a uniform film of Sikalastic EP Primer/Sealer to the gravel substrate, per product data sheets. Rough surfaces will yield lower coverage rates per gallon than stated on product data sheets.

Allow the Sikalastic EP Primer/Sealer to fully cure before application of the Sikalastic 720/crumb rubber leveling course.

- Sika recommends performing a 1 square mock-up area to determine actual coverage rates whenever possible
- Sika recommends using a 1/2-3/4 inch nap roller and use a cross hatch rolling pattern to provide a uniform primer application to the surface

PACKAGING

- Sikalastic® 720 Base is packaged in a 20-gallon kit consisting of, Part A (4) 4-gallon cans & Part B (4) 1-gallon cans
- CRM Crum Rubber is packaged in 50lb bags

MIXING



Mix Sikalastic® 720 Base Part A and Part B components using a mechanical mixer at slow speed for 3-minutes to obtain a uniform color.

(5-10 gal mixing tip - tool suggestions to left)

At the 3-minute mark add premeasured crumb rubber filler at a ratio of 0.8-1 by volume (i.e., 4 gallons by volume crumb rubber to 5-gallons Sikalastic® 720 Base). Finish mixing at least 1-minute to achieved a uniform mixture.

- Mixing should be conducted in a large enough mixing container to accommodate product volume as 5-gallons of Sikalastic® 720 Base will increase in volume to roughly 7.5-gallons mixed product once the crumb rubber is added.

- Sika recommends performing a 1 square mock-up area to determine actual coverage rates whenever possible

Mixer Suggestion: Hand-Held Mixer: 1/2 in Hex, 25 gal, Lock-On Trigger, 120V AC, 700 RPM Max. Speed



Pre-mixing 720



Adding Crumb
Rubber



Uniform Mixture

APPLICATION PROCESS

Immediately pour mixed material in a ribbon pattern onto the prepped and primed surface. Spread with a flat 1/4" notched squeegee. Product is semi-self levelling so care must be taken near the edge of the roof or around drains and openings in the roof to prevent mixed product from entering or running off the edge of the roof. Back rolling the product with a spiked roller directly after squeegee application will help to release trapped air formed during the mixing of the crumb rubber into the Sikalastic® 720 Base.



CURING

Allow the Sikalastic® 720 Base/crumb rubber application to cure a minimum of 3-4 hours at 70 degrees F & 50% RH or until tack free and fully set. Surface will need to be stable before overcoating with Sikalastic® RoofPro or RoofCoat systems. Sikalastic® 720/crumb rubber must be overcoated within 48 hours after cure. Application sequencing must be carefully considered when planning the project.

CLEAN-UP

- Work areas are to be kept clean, clear, and free of debris
- All tools and unused materials are to be collected at the end of each workday and stored properly off the finished waterproofed surface and protected from exposure to the elements
- Dispose of or recycle all trash and excess material in a manner conforming to current EPA regulations and local laws
- Properly clean the finished deck surface after completion, and make sure the drains and gutters are not clogged

**Finished Application:
Crumb Rubber Layer Side View**



Flexible Flood Coat

SYSTEM APPLICATION GUIDE:

GRAVEL ROOF RESURFACE FLOOD COAT

SIKALASTIC 720 BASE/CRM RECYCLED CRUMB RUBBER

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