



Rekortan® B Installation Guidelines

Advanced Polymer Technology has prepared this installation guide to aid in the construction of the Rekortan® B track system. Any references to consumptions are approximate, due to variations in site conditions and application techniques. Before starting work, the applicator must become familiar with the existing site conditions and all product procedures.

1. Surface Preparation

Prior to application, the existing surface must be thoroughly clean, sound, dry, and free of oils and other contaminants. Inspect the substrate thoroughly, to determine that it meets the requirements for surfacing. Repair any and all defects to substrate before starting installation.

For applications over asphalt, the asphalt shall cure a minimum of 14 days. For applications over concrete, the concrete shall cure a minimum of 28 days. Test for moisture before any installation. Surface shall meet the RH (Relative Humidity) standard level of dryness of 75% RH or less. If concrete substrate tests over 75% RH, the concrete should be shot blasted and a moisture mitigation must be applied.

It is recommended all concrete and asphalt surfaces be primed.

2. Materials and Description

Rekortan® B – A single layer 13mm, permeable black mat track system consisting of rubber granules bound in Rekortan® polyurethane.

Primer

Rubber – Graded to meet specifications

Rekortan® Binder - The binder shall be moisture-cured polyurethane that is compatible with the base mat rubber.

3. Application

After Surface preparation and inspection:

Apply proper primer (concrete or asphalt) to substrate via spray or roller, at the rate of approx. 0.29 lbs/sy (0.16 kg/sm), do not puddle. Allow primer to dry to tack free before continuing surfacing. Do not allow primed surface to become contaminated by rain, dust, debris, etc.

After the primer has become tack-free, apply the following mixture (by weight) at an average thickness of 13mm. Mix the binder and granules until the rubber is thoroughly coated. Using 19.42 lbs/sy (10.55 kgs/sm) of SBR rubber and 4.57 lbs/sy (2.48 kgs/sm) of Rekortan® binder.

The mixed products shall then be applied using a specially designed paver at the consumption rate of approx. 23.99 lbs/sq yd (13.03 kg/sm). Thickness shall be monitored regularly to ensure proper coverage.

COVERAGES – Actual coverages are dependent on many factors relative to the field application and job site conditions, the installer must assess these conditions prior to ordering materials. Allowances must be made for waste in mixing, pouring, and field conditions.

LIMITATIONS

- ~ Do not apply over damp surfaces or wet substrates
- ~ Do not apply to surfaces that don't meet acceptable standards
- ~ Minimum application and curing temperatures, 50 F and rising

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- ~ Maximum substrate temperature, 104 F
- ~ Maximum moisture content in substrate less than 75% RH
- ~ Substrate temperature must be a minimum of 4 degrees above the dew point
- ~ Do not apply during inclement weather or when it is anticipated. If in the opinion of the synthetic surfacing contractor, the weather or site conditions are detrimental to the proper installation of the surfacing materials, work shall be delayed until conditions are acceptable.

ADVANCED POLYMER TECHNOLOGY CORPORATION believes that the information herein to be true, accurate and reliable.