Rekortan® RT Installation Guidelines

Advanced Polymer Technology has prepared this installation guide to aid in the construction of the Rekortan® RT 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 existing track surface thoroughly, to determine it meets the requirements for re-topping. Repair any and all defects to substrate before starting installation.
   It is recommended that all old track surfaces be primed.

2. Materials and Description

   Rekortan® RT –A full pour Rekortan® polyurethane bound, fluid applied, impermeable track resurfacing with an embedded EPDM rubber finish. Approximate depth of the resurface shall be 5 mm.

   Primer
   Rekortan® two component full pour polyurethane
   Manufacturer Approved EPDM Rubber – Graded to meet specifications

3. Application

   After Surface preparation and inspection:
   Apply proper primer to existing polyurethane surface 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.

   Note: Rekortan® resins do not come proportioned; the A & B components must be properly weighed and mixed. Mix only the amount of resin that can be properly handled, transported and applied within the pot life limitations.

   Mix Ratios A:B by weight of the total mix of the Qualipur 5050 (A: B) 2.27: 1 (USA mix ratio).

   Resurfacing Layer – Mix the Qualipur 5050 (A&B) resin for a minimum of two minutes, transfer to another container, and mix again for 1 minute, transport to the track area, pour onto the surface, and spread with a notched trowel or squeegee. Meter material to meet consumption rate of 6.64 lbs/sy (3.60 kgs/sm). Allow resin to self-level, then broadcast to excess with colored EPDM rubber, use a flat shovel or machine spreader to completely cover the resin. Apply rubber at approx. 9.22 lbs/sy (5.00 kgs/sm). Top layer shall meet minimum thickness of 5mm. Allow top layer to cure, and then remove all excess EPDM rubber.

   Note: It is recommended that a depth check is made to confirm minimum thickness levels have been achieved, make adjustments as necessary to meet requirements.

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. Take special note as to surface texture of the existing track surface to be re-topped when calculating material needs.

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
~ Maximum substrate temperature, 120 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.