

RAYSTON PROOF PUA PARK

Properties of the waterproofing membrane

Supply and installation of the RAYSTON PROOF PUA PARK system, with **Polyurea Rayston** from Krypton Chemical or equivalent, with (ETA) according to DEE 030350-00-0402, for waterproofing of roofs applied in highly elastic and resistant liquid form, for a minimum thickness of 1.9 mm, with Shore hardness A 87, tensile strength 16 MPa, elongation 324%, possibility of application on slopes from S1 to S4, with a puncture resistance equivalent to P4 (approx. 25 kg/cm²), temperature resistance TH4 (90°C) according to EOTA DEE 030350-00-0402, fire resistance B floor t1 (EN 13501-5:2005+A1 :2010), with a service life W3 (25 years) for climate zone S (severe), with high static crack bridging capacity class A5 according to UNE-EN 1062-7 Method A - C.1, and dynamic at -20 °C according to UNE-EN 1062-7:2004 Method B - B.4..2.

Description of system products

Consists of the application of one coat of 100% solids epoxy primer with the product: Krypton Chemical **Epoxy Primer 100** or equivalent by roller or *airless* machine; one coat of 100% solids polyurea at the rate of 2 kg/m² with the product **Polyurea Rayston** by Krypton Chemical or equivalent applied by spraying equipment suitable for hot bi-component system.

Top coating of the system by application of 0.5 kg/m² of **Colodur** or similar pigmented single component aliphatic polyurethane, applied by roller or *airless* machine on concrete or mortar surfaces.

Optional: If a slip resistant surface is required, apply the final coat in two coats with 0.25 kg/m² **dusting of aggregate** (0.3-0.8 mm) on top of the first fresh coat.