

RAYSTON PROOF PUA PLUS

Properties of the waterproofing membrane

Supply and installation of the RAYSTON PROOF PUA PLUS system, with **Polyurea Rayston** from Krypton Chemical or equivalent, for the waterproofing of exposed or tiled roofs, with (ETA) according to DEE 030350-00-0402, for roof waterproofing applied in highly elastic and resistant liquid form, for a minimum thickness of 1.9 mm, with Shore A 87 hardness, tensile strength 16 MPa, elongation 324%, application on slopes from S1 to S4 possible, 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 Roof 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 in accordance with UNE-EN 1062-7:2004 Method B - B.4. 2.

Description of system products

Consisting of a 0.3-0.5 kg/m² coat of 100% solid epoxy primer with Krypton Chemical **Epoxy 100 Primer** or equivalent using a roller or airless machine; a 100% pure polyurea coat at the rate of 2 kg/m² with Krypton Chemical **Polyurea Rayston** or equivalent applied by suitable two-component hot system spray equipment.

- **Option 1: Exposed**, Coating by application of 0.5 kg/m² of **Colodur**, Krypton Chemical's single component, solvent-borne, aliphatic polyurethane, or equivalent, applied by roller or *airless* machine to concrete or mortar surfaces. Standard colours to be chosen by DF.
- **Option 2: Tile covering**, sealed with a 0.3 kg/m² coat of **TP FLEX Primer**, with 2-3 kg/m² of quartz sand powder (0.3-0.8 mm) to saturation, tiles bonded with cementitious tile mortar.