

RAYSTON PROOF PUA X5

Properties of the waterproofing membrane

Supply and installation of RAYSTON PROOF PUA X5 waterproofing system for exposed roofs without foot traffic, or with light foot traffic, with an irregular substrate. System based on expandable polyurea **Polyurea Rayston X5** from Krypton Chemical or equivalent.

Roof waterproofing applied in highly elastic and expandable liquid form, for a minimum thickness of 1 cm, with Shore A hardness 45-50, tensile strength 1.7 MPa, elongation 125%. Thermal conductivity W/mk 0.045 at 20° C. With a puncture resistance equivalent to P3-TH-3 (60°C).

Description of system products

Consists of applying a 1-1.5 kg/m² layer of expansive polyurea with the product: **Polyurea Rayston X5** from Krypton Chemical, or equivalent applied by suitable two-component hot spraying equipment.

Option 1. Exposed:

Coating by application of 0.5 kg/m² of **Colodur**, Krypton Chemical's one-component, solvent-borne, aliphatic, single component polyurethane or equivalent, applied by roller or *airless* machine to concrete or mortar surfaces. Standard colours to be chosen by DF.

Option 2: Exposed:

Sealing with one coat of 2 kg/m² of IMPERMAX A, or similar, aliphatic solvent polyurethane with 2 kg/m².