Presto-ply for waterproofing system

RAYSTON PROOF PU SPRAY 2K

Properties of the waterproofing membrane

Supply and installation of RAYSTON PROOF PU SPRAY 2K system, with **Impermax 2K** from Krypton Chemical or equivalent, with (ETE) according to DEE 030350-00-0402 for hot liquid applied roof waterproofing based on a bio-based high carbon polyurethane with respect to total organic carbon.

Elastic and resilient system, for a minimum thickness of 1.9 mm, with Shore hardness A 83, tensile strength 13 MPa, elasticity 350%, possibility of application on a slope from S1 to S4, with a punching resistance equivalent to P4 (approx. 25 kg/cm^2) at a temperature TH4 (90ºC), according to EOTA Guide DEE 030350-00-0402, fire resistance B Roof t1 (EN 13501 and with a useful life W3 (25 years) for climate zone S (severe), and with certification of resistance to root penetration according to UNE-EN 13948.

Description of system products

Consisting of application of one coat of 100% solids epoxy primer with the product: Krypton Chemical **Epoxy 100 primer** or equivalent 0.5 kg/m^{2}using roller or *airless* machine; one coat of 100% solids polyurethane at the rate of 2 kg/m^{2}with Krypton Chemical **Impermax 2K** product or equivalent applied using spraying equipment suitable for two component hot systems; and sealing of smooth or anti-slip system by application of 0.3-0.5 kg/m$^{(2)\ of}$Krypton Chemical's **Colodur** or **Impertrans** solvent-based aliphatic one-component polyurethane or equivalent with anti-slip additive applied by roller or *airless* machine to concrete or mortar surfaces. Standard colours to be chosen by DF. If white, Cool Roof effect. SRI >100.

For thermal insulation and/or asbestos encapsulation, **Rayston Spray Foam 150** (polyurethane foam density 150 kg/m^{3}could replace Epoxy Primer 100.

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