

Properties of the waterproofing membrane

Supply and installation of Rayston Proof PUA HA PLUS system, with Krypton Chemical's **Impermax Polyurea H** or equivalent, with (ETE) according to ETAG 005, for hot applied liquid roof waterproofing based on a 100 % solids totally solvent free hybrid polyurea.

Elastic and resilient system, for a minimum thickness of 1.9 mm, with Shore hardness A 90, tensile strength 15 MPa, elasticity 400 %, possibility of application on a slope from S1 to S4, with a punching resistance equivalent to P4 (approx. 25 kg/cm²) at a temperature TH4 (90°C), according to ETAG 005 of EOTA, fire resistance B_(roof)(t1) and B_(roof)(t2) and with a service life W2 for climate zone S (severe), foldability at low temperatures (-45°C) according to EN-495-5 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 Krypton Chemical Epoxy 100 primer or equivalent using a roller or airless machine: Krypton Chemical **Epoxy 100 primer** or equivalent using roller or *airless* machine; one coat of 100% solids polyurea at the rate of 2 kg/m² with Krypton Chemical **Impermax Polyurea H** 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/m² of Krypton Chemical's **Colodur** solvent-based aliphatic single 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.