

RAYSTON PROOF PUA H BRIDGE

Properties of the waterproofing membrane

Supply and installation of the RAYSTON PROOF PUA H BRIDGE system, with **Impermax Polyurea H Flex** from Krypton Chemical or equivalent, with (ETE according to EAD 030675-00-0107), AND ATG (Belgium) No. 3247 waterproofing of bridge decks, for a minimum thickness of 1.9 mm, with Shore A 90 hardness, tensile strength 15 MPa, elongation 400 %, application on slopes from S1 to S4 possible, with puncture resistance equivalent to P4 temperature TH4, with Shore hardness A 90, tensile strength 15 MPa, elongation 400 %, application on slopes from S1 to S4 possible, with a puncture resistance equivalent to P4 at a temperature TH4 (90° C), according to EOTA guideline ETAG 033 (certificate no. 16/149), fire resistance according to ETAG 033 (certificate no. 16/149), fire resistance according to EOTA guideline ETAG 033 (certificate no. 16/149). 16/149), fire resistance B Floor t2 (according to UNE - EN 13501-5).

Description of system products

Consisting of the application of a 0.4-0.5 kg/m² coat of 100% solid epoxy primer with the product: **Epoxy 100 Primer** by Krypton Chemical or equivalent using a roller or air-less machine + dusting of 0.3-0.8 mm aggregate.

Followed by the application of 2 kg/m² of Krypton Chemical's **Impermax Polyurea H Flex** 100% solids applied by spraying equipment suitable for hot two-component systems or similar;

Sealing of the system by applying 0.5 kg/m² of **TP Flex** one-component polyurethane primer or similar, applied by roller or *airless* machine on concrete or mortar surfaces + dusting of aggregate (0.3-0.8 mm), on the fresh layer until saturation.