

## RAYSTON PROOF PU PLUS – Impermax ST

### Properties of the Waterproofing Membrane

Supply and installation of the Rayston Proof PLUS system with **Impermax ST** from Krypton Chemical or equivalent, with (ETE) according to ETAG 005, and BBA (British Board of Agreement) according to NHBC 2022 Standards for highly elastic and resistant roof waterproofing, for a minimum thickness of 1.6 mm, with Shore A hardness of 70, tensile strength of 3.4 MPa, elongation of 421%, with the possibility of application on slopes from S1 to S4, with a puncture resistance equivalent to P4 at a temperature TH4 (90°C), according to the ETAG 005 guide from EOTA, fire resistance B Roof t1 (according to UNE - EN 13501-5), with a service life of W3 (25 years) for severe climate zone S and root penetration resistance according to UNE 53420.

### Product Description of the System

Consistent with the application of a layer of 0.3-0.4 kg/m<sup>2</sup> of water-based epoxy primer with the product: **Humidity Primer** from Krypton Chemical or equivalent, using a roller or airless machine.

Two layers of a single-component polyurethane membrane cured by moisture at a rate of 1 kg/m<sup>2</sup> per layer for a total of 2 kg/m<sup>2</sup> with **Impermax ST** product from Krypton Chemical or equivalent applied by roller; and system sealing by applying 0.3-0.5 kg/m<sup>2</sup> of solvent-based, single-component aliphatic polyurethane **Colodur** from Krypton Chemical or equivalent, applied by roller or airless machine on concrete or mortar surfaces. Standard colours to be selected by the DF.

Consistent with the application of 0.3-0.4 kg/m<sup>2</sup> of epoxy primer with the product: **Primer Epoxy Plus** from Krypton Chemical or similar.

In case of moisture below 8%, apply 0.3-0.4 kg/m<sup>2</sup> of water-based epoxy primer with the product: **Humidity Primer** from Krypton Chemical or equivalent, using a roller or airless machine.