RAYSTON PROOF PU PARK

Properties of the Waterproofing Membrane

Supply and installation of the Rayston Proof PU PARK system from Krypton Chemical, with **Impermax ST** 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 70, tensile strength 3.4 MPa, elongation 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 W3 (25 years) for the S (severe) climatic zone and root penetration resistance according to UNE 53420.

Product Description of the System

Consisting of the application of a 0.4-0.5 kg/m² layer of water-based epoxy primer with the product: **Humidity Primer** by Krypton Chemical or equivalent, using a roller or airless machine.

Details and specific points such as in drainage areas, horizontal-vertical joints, and seams, the system must be reinforced with a geotextile of 100 - 150 g/m², such as **Geomax** by Krypton Chemical or equivalent.

Two layers of moisture-curing polyurethane membrane at a rate of 1 kg/m² per layer, for a total of 2 kg/m², with the product **Impermax ST** by Krypton Chemical or equivalent, applied by roller.

Wear layer: application of 1 kg/m² of **Impermax 2K M** by Krypton Chemical or equivalent. Liquid waterproofing based on bi-component polyurethane, solvent-free.

Sealing of the system by applying 0.5 kg/m² of white pigmented, aliphatic, solvent-based, single-component polyurethane **Colodur** by Krypton Chemical or equivalent, applied by roller or airless machine to concrete or mortar surfaces.

Optional: If a non-slip surface is required, apply a non-slip additive at 0.15 kg/m².

KRYPTON CHEMICAL, S.L.
Pol. Ind. Les Tàp ies – Martí i Franquès 10-12
43890 L'Hospitalet de l'Infant (Tarragona - España)
+34 977 822 245
www.kryptonchemical.com
rayston@kryptonchemical.com