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Rayston PROOF PU PLUS

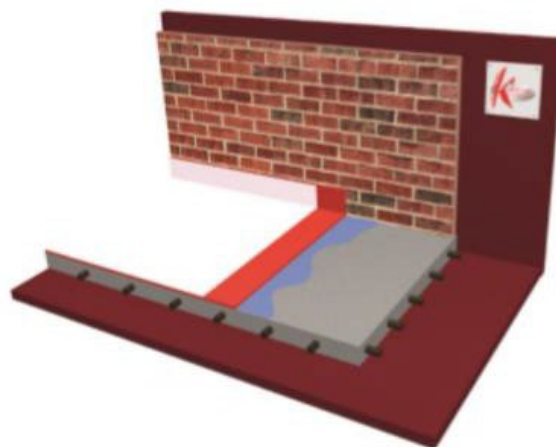
Waterproofing system for roofs.

DESCRIPTION: System based on single-component solvent-borne aromatic polyurethane resins, sealed with a single-component solvent-borne polyurethane topcoat.

Typical applications: The Rayston Proof PU PLUS system is an ideal choice for waterproofing roofs with pedestrian traffic.

Advantages:

- Excellent adhesion to concrete, mortar and stone support surfaces.
- Excellent outdoors resistance.
- Low maintenance.
- Great elasticity
- Crack-bridging capability
- Aliphatic finish
- Availability of RAL chart (finish) Optional COOL ROOF finish



Approximate system thickness: 1.8 mm

SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <8%, no rising damp, strength <1.5N/mm², Temp. > 10°C, without any contamination, grease, dust or open pores.

PRIMING

Primer H

We recommend diluting the first coat with 10% water. Apply 0.4-0.5 kg/m² in two coats of 250g/m² each. Primer H can be applied with a support surface humidity of up to 8%.

0.5 Kg/m²

BASE COAT

Impermax

Single-component, solvent-based polyurethane resin. Apply 2 kg/m² in two coats of 1 kg/m² each.

2 Kg/m²

SEALED COAT

Pigmented Colodur





Single-component, solvent-based aliphatic polyurethane resin. Creates a hard and flexible UV-stable coating. Apply in two coats of 250-300g/m²

0.5-0.6 kg/m²

A product must be chosen from the varied options according to the needs of the support surface and the working conditions. For more information, please refer to the Rayston product data sheets. The information contained in this data sheet — along with our advice, whether it be written, verbal or ascertained via testing — is provided in good faith based on our experience and results obtained from independent laboratory tests, however this does not constitute a guarantee for the user, who should consider it as a purely indicative reference with a strictly informational value only. All our system and product data sheets are updated on a regular basis. It is the customer's responsibility to obtain the latest version.


CERTIFICATIONS

TABLES OF CERTIFICATIONS FOR IMPERMAX PRODUCTS.

	Type of Tests
APPLUS 	Impermax Aqua Contact with drinking water
	Impermax Fire Resistance
	Impermax Fire Resistance (45° Sloping Roofs)
	Impermax Root Drilling Resistance
	Impermax + Geomax Root Drill Resistance
	Impermax Abrasion Taber
TORROJA 	ETE 10 years
	ETE 25 years
	Impermax + Geotextil 200g
	Determination of impact resistance <i>Determination of adhesion on metal support surfaces</i> <i>Determination of static puncture resistance with Geomax 80gr/m2</i> <i>Resistance to thermal impact in contact with hot asphalt at 160°C</i>
  TECNALIA	Impermax Roof waterproofing system for use on flat or pitched roofs with limited access 10 YEARS
	Impermax Roof waterproofing system for use on flat or pitched roofs with limited access 25 YEARS
	Standard test for the calculation of the solar reflectance index of horizontal or inclined opaque surfaces IMPERMAX WHITE

CERTIFICATIONS

COLODUR CERTIFICATION TABLE

Tipo de Ensayos	
Colodur 60 2000 horas = 10años -Resistencia a la tracción y alargamiento a la rotura -Envejecimiento artificial acelerado -Estanqueidad al agua -Permeabilidad al vapor de agua	
	Abrasion Taber
COLODUR 60 ALIFATICO (resina+pigmento) - Resistencia a la Abrasión TABER s/n UNE 48250 - Resistencia al rayado s/n UNE EN ISO 1518 - Resistencia a los líquidos (aceite de motor y gasoil) s/n UNE EN ISO 2812-3 y UNE EN ISO 2812-4 - Resistencia al manchado por contacto con Caucho Vulcanizado - Determinación de brillo s/n UNE EN ISO 2813 - Determinación colorimétrica (Coordenadas CIELAB) s/n UNE 48073/2 e ISO 7724/2 - Determinación del Índice de Blancura e Índice de Amarilleamiento s/n ASTM E313 Ensayo de envejecimiento Artificial Acelerado al Intemperie Método de ensayo s/n UNE EN ISO 11341:2005 "Pinturas y barnices: Envejecimiento artificial y exposición artificial: Exposición filtrada de una lámpara de arco de xenón"	
APPLUS 	Determinación del valor de resistencia al deslizamiento/resbalamiento de los pavimentos sin pulir (USRV). UNE-ENV 12633:2003

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