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Rayston Proof

PUA H BRIDGE

Waterproofing system for roofs.

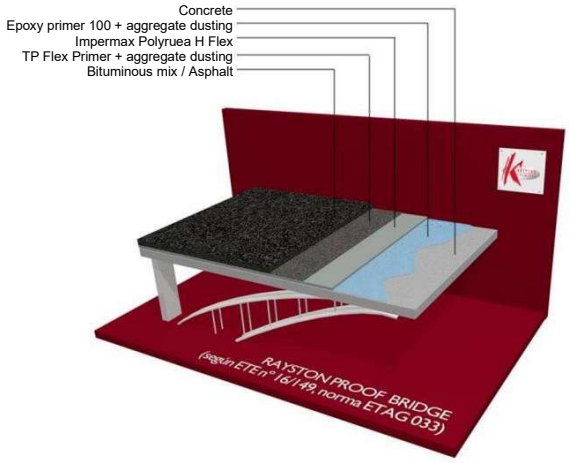
DESCRIPTION: Hot-applied liquid waterproofing system for bridge decks that uses 100% solids-based aromatic polyurea resins and is solvent-free, also offering high crack-bridging capacity.

ETE (European Technical Assessment) for waterproofing bridge decks according to EAD 030675- 00-0107 and ETAG 033 (certificate no. 16/149).

Typical applications: The Rayston Proof PUA H BRIDGE system is an ideal choice for waterproofing concrete and metal bridge deck support surfaces.

Advantages:

- Excellent adhesion to concrete, mortar and metal support surfaces.
- Resistant to thermal shock while pouring hot asphalt.
- Low maintenance.
- High crack-bridging capacity.
- High mechanical properties.
- Quick application and commissioning.
- Can be used on bridge decks with different slopes.



Approximate system thickness (without asphalt coat): 2mm

SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <8%, no rising damp, strength >1.5N/mm^2, Temp. > 10ºC, without any contamination, grease, dust, with open pores.

PRIMER	**Epoxy 100 primer + 0.3-0.8 mm aggregate broadcast.** Two-component epoxy primer, low-viscosity and high performance. Recommendation: dilute the first coat with 10% Rayston solvent.	0,5 kg/m^2
PROJECTED MEMBRANE	**Impermax Polyurea H Flex.** Extra-quick curing, 100% solids-based polyurea resin. High chemical resistance and high mechanical performance.	2 Kg/m^2
TOP COAT	**TP Flex primer + aggregate broadcast 0.3-0.8 mm.** Single-component aromatic polyurethane-based resin. Apply in one coat of 0.3 kg/m^2, with 0.3-0.8 mm aggregate broadcast when fresh until saturation.	0.5 kg/m^2

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.