



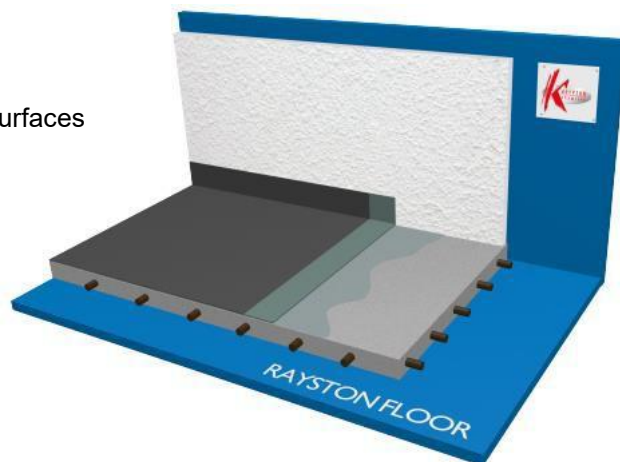
RAYSTON FLOOR PU 20 Multi-layer system.

Description: Dual-component, 100% solids-based system based on polyurethane resins, pigmented, with a rough finish for protection of concrete surfaces and pavements.

Typical applications: The Rayston Floor PU 20 system is an ideal choice for floor coverings in industrial premises, warehouses and workshops, which require a rough finish with a greater tolerance to movements and grooves than conventional epoxy systems.

Advantages:

- Excellent adhesion to concrete, mortar and stone support surfaces
- Waterproof and non-porous
- Wide range of colours
- Non-slip, category 3.
- Greater movement and impact absorption than conventional epoxy systems.
- Solvent-free system with Colodur Eco top coat



Approximate system thickness: 2.2–2.6 mm

SYSTEM STEPS

BASE: Concrete, >28-day curing time, moisture level <4%, no rising damp, strength >1.5N/mm², Temp. > 10°C, without any contamination, grease, dust or open pores

PRIMER

Rayston Epoxy 100

Dual-component, low-viscosity, high-performance universal epoxy primer, applied in two coats of 0.25 kg/m². Recommendation: Thin the first coat by 10% with Rayston thinner. (optional) Fresh dusting of aggregates (0.3–0.8mm)

0.5 Kg/m²

COATING

Pavifloor + aggregates ratio 1/0.3

Dual-component, 100% solids-based polyurethane resin. Apply 1–2 kg/m² mixed with 0.1–0.3 mm aggregates (Ratio 1/0.3).

1–2 Kg/m²

Aggregate broadcasting

If fresh, saturate with 0.3–0.8mm aggregate.

3 Kg/m²

TOP COAT

Colodur Eco or Floortop 1K

Colodur Eco is a two-component waterborne aliphatic polyurethane resin. Creates a hard and flexible UV-stable coating. Apply in two coats of 150–200g/m² each.

0.4 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.

