

Technical Data Sheet

Puur Mono / Puur Duo

Poured resin flooring system

Product Description

Technical floor information and substrate requirements for Puur specially formulated resin floors. Suitable for both commercial and residential environments. Available in NCS RAL classic mono single or Duo 'semi' blended colours.

System comprises primer layer, optional rubber flex base (recycled rubber crumb) matting (5mm), scratch coat, the main leveling base layer (2-3 mm) comprising two components based on branched polyols and aromatic polyisocyanates, and two surface finishing coats, that after curing will achieve the following overall properties:

Detailed Specification

- Aliphatic - so does not yellow.
- UV absorber which slows discoloration of under layers.
- Low VoC in conformity with AgBB.
- Water based.

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|---|-------------------------------|
| Compressive strength | >30Mpa |
| Abrasion resistance (mg) | ~23 |
| Slip resistance satin finish dry | R12 |
| Slip resistance satin finish wet | R10 |
| Pack size resin | 12.5kg or 25kg |
| Pack size seal coat | 1kg or 5kg |
| Adhesive strength (N/mm²) | >1.5 (14 days/+23°C/50% R.H.) |

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Substrate Requirements

Concrete must be structurally sound fully cured, ideally minimum 28 days old, flat, smooth, clean and dry, with adequate damp proof membrane installed. The design strength of the concrete should be minimum 25-30 N/mm², flexural/tensile strength 1.2 N/mm², with moisture content at the time of resin installation not greater than 5%. Any holes, cracks, defects, to be repaired via approved methods.

Timber substrate normally two layers, each of 18mm tongue and groove approved moisture resistant chipboard or marine plywood installed in cross fashion for strength and rigidity with tight closed fully glued joints, foxed and counter sunk at 150mm center along line of joins and additional areas where required, with a suitable expansion provision around the perimeter of timber floor to wall.

The installed timber surface is to be prepared by sanding to remove any impurities and impregnated with puur specialist primer.

Compatible with wet or electric under floor heating, embedded in screed or screed board systems. Floor to dry/cure for minimum 24 hours for light foot traffic, careful mechanical loading after 48 hours, full chemical cure at 7 days, based on ambient temperature of 20°C.