



Puur floors limited
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Technical Data Sheet

Puur Mono / Puur Duo

Poured resin flooring system

Product Description

Low VOC polyurethane poured resin seamless flooring system. Suitable for both commercial and residential environments. Available in NCS and RAL classic mono single or Duo 'semi blended' colours.

System comprises primer layer **optional** 100% recycled rubber crumb matting layer (5mm), scratch coat, main levelling base layer 2-3mm, comprising two components based on (plant derived) branched polyols and aromatic polyisocyanates, and two surface finishing coats, which achieves a satin sheen. **Optional** textured (clear spheres) seal coat for commercial or wet areas

Technical data

- Aliphatic (non - yellowing)
- UV absorber which slows discolouration of under layers
- Low in VOC conformity with AgBB
- Water based

Compressive strength	>30Mpa
.....	
Abrasion resistance	§23
.....	
Adhesive strength	>1.5 N/mm ² (14 days/+23o/50%R.H.)
.....	
Slip resistance satin finish	dry R12
.....	
Slip resistance satin finish	wet R11

- Pack size 25kg / 12.5 kg liquid base components, 5kg seal components
- Each stage / layer requires overnight cure



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Detailed specification

- Finish regular satin seal or optional M+ (slip resistant, clear spheres, textured seal)
- Substrate preparation: on screed by use of vacuum assisted diamond grinding equipment where appropriate
- Substrate preparation: on timber, by the use of vacuum assisted sanding equipment where appropriate (requires the otherwise optional matting layer)
- P5 moisture resistant T&G or marine ply or interlocking cement board (requires the otherwise optional matting layer)
- Other situations in accordance with Puur floors instructions

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 installation not greater than 5%. Any holes, cracks, defects, to be repaired via approved methods.

Timber substrate normally 2 layers, each of 18mm tongue and groove approved moisture resistant chipboard or marine plywood installed in cross fashion for strength and rigidity with tight fully glued joints, fixed and counter sunk at 150mm centre along line of joins and additional areas where required, with 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.

Interlocking cement board standard depths as available 20 -30mm

Compatible with wet or electric under floor heating, embedded in screed or covered with interlocking cement board.

Compatible with wet or electric under floor heating, embedded in screed or cement 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