KINGKRETE®
We Create Future

KingFloor® PUMD System

Medium to heavy-duty flow-applied polyurethane topping

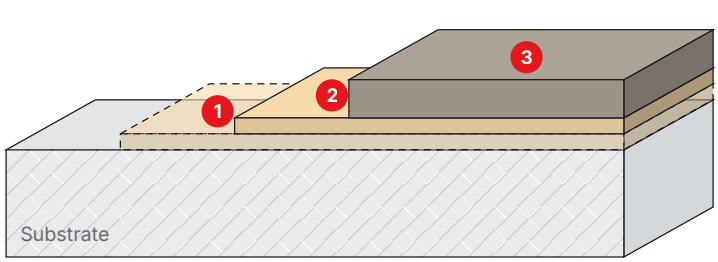
SYSTEM OVERVIEW

System reference	FL-PU-PUMD	**Resin base**	Polyurethane
Layers	2 + 1 optional	**Document**	System Information Sheet, issue 01.2026

A three-pack water-based polyurethane topping over an epoxy primer. Seamless, hygienic and hard-wearing for medium to heavy-duty industrial floors. Available with an anti-slip finish.

SYSTEM BUILD-UP

Applied in this order, from the substrate up. Layers drawn with a dashed outline are optional.



1 KingFloor Primer DPM
2 KingFloor Primer
3 KingFloor PUMD

Indicative drawing, not to scale.

No.	Product	Function	Rate or thickness
–	**Substrate**	Concrete, clean, dry (below 75% RH), free of laitance; 4 x 3 mm anchor rebate 150 mm from walls	
1	**KingFloor Primer DPM** (optional) *Two coats when the RH is above 86%, fully cured before KingFloor Primer.*	Damp-tolerant pre-primer	
2	**KingFloor Primer** *More than one coat on porous or textured surfaces.*	Primer	
3	**KingFloor PUMD** *Trowel applied then spike rolled while wet; resin, hardener and filler are one product.*	Flow-applied PU screed / wearing course	4 - 6 mm; approx. 2.8 m²/kit (19 kg) at 4 mm

BUILD-UP OPTIONS

- 4 - 6 mm; temperature resistance -15°C to 80°C quoted at 6 mm
- RH > 86%: 2 coats KingFloor Primer DPM before KingFloor Primer

NOTE

Refer to the technical datasheet of each product for full details of surface preparation, mixing, application, curing, and health and safety. Rates are typical and depend on the substrate, its texture and porosity.

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