



KINGKRETE
We Create Future

KingKrete · Flooring Systems
Polyurethane Flooring

KingDeck® HPW System

UV resistant, waterproofing and hard-wearing polyurethane traffic coating system

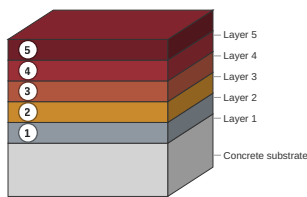
KingDeck Primecoat U | KingDeck Flexcoat 100 | Anti-slip Aggregate #3 | KingDeck Wearcoat TE | KingDeck Wearcoat TP100

Manufacturer	KingKrete	Resin Base	Polyurethane
System Reference	FL-PU-HPW	No. of Layers	5
System Type	UV resistant, waterproofing and hard-wearing polyurethane traffic coating system		
Document	System Information Sheet · Issue 01.2026 · V1.0		

1. SYSTEM OVERVIEW

KingDeck HPW System is a UV resistant, waterproofing and hard-wearing polyurethane traffic coating system. It is specially designed to consist of a waterproofing and crack-bridging intermediate layer that would protect the concrete slab from water in intermediate and exposed car park decks. It has excellent resistance to abrasion and wear and excellent chemical resistance to petrol, diesel, engine oil, brake fluid and de-icing salts.

2. SYSTEM BUILD-UP



Indicative system cross-section

NO.	COMPONENT / LAYER	FUNCTION
1	KingDeck Primecoat U	Two component, solvent-free epoxy primer
2	KingDeck Flexcoat 100	Two component, solvent-free waterproofing and crack-bridging intermediate layer
3	Anti-slip Aggregate #3	Hard-wearing quartz aggregate for producing an anti-slip finish
4	KingDeck Wearcoat TE	Two component, solvent-free, pigmented wearing course
5	KingDeck Wearcoat TP100	Two component, pigmented wearing course
-	Concrete substrate	Prepared base (shot-blast / grind)

3. TYPICAL APPLICATIONS

☞ Refer to the product Technical Data Sheet

System overview and applications summarised from the individual product Technical Data Sheets (TDS). Refer to the relevant KingKrete product TDS and Safety Data Sheets for complete specifications, mixing, coverage and application details.

