



**FORCRETE.**  
EVERY SURFACE MATTERS

# FORSHIELD-2KWB

**P** 01603 455962

**E** sales@forcrete.co.uk

**W** www.forcrete.co.uk

## PRODUCT DESCRIPTION

Two component transparent, satin-matt polyurethane sealant.

## MATERIAL FEATURES

- Satin matt
- Slip-resistant
- UV resistant
- Water vapour diffusion capable

## KEY INFORMATION



## TECHNICAL DATA

Product type: Sealer

User time: (+20 °c) 60 minutes

Appearance: Clear liquid

Part A:

Density (20 °c) – 1.04g/cm<sup>3</sup>

Viscosity (25 °c) – 640 mPa s

Part B:

Density (20 °c) – 1.15g/cm<sup>3</sup>

Viscosity (25 °c) – 630 mPa s

Chemical Nature: Epoxy Resin

Mix Ratio: A : B  
83 : 17

Shelf Life: 12 months

Resistance to Abrasion = ≤ AR1

Compressive Strength (28 days)  
= ≥ IR4

Adhesion to concrete (28 days)  
= ≥ B1.5

Consumption – 60g – 100g per m<sup>2</sup>

---

# **FORSHIELD-2KWB APPLICATION INSTRUCTIONS**

---

## **1. SURFACE PREPARATION**

---

The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.

---

## **2. MIXING INSTRUCTIONS**

---

Add the entire quantity of the hardener (component B) to the base component (component A).

Mix thoroughly with a slow-speed electric mixer (approx. 300 - 400 rpm).

Pour the mixture into a separate container and mix again thoroughly.

Mix for at least 3 minutes.

Insufficient mixing is indicated by streaks forming.

In the case of temperatures of  $> 20\text{ }^{\circ}\text{C}$  and dark substrates, add up to 10% by mass of water to the product.

---

## **3. APPLICATION**

---

Pour the material generously onto the surface. Use a suitable 25 cm epoxy roller to apply uniformly and generously, working crosswise, then roll using a 50 cm epoxy roller saturated with material. Replace the rollers with new ones every 30 minutes. Always work wet-on-wet. Make sure that no pools form.

Consumption rate: 60g – 100g /m<sup>2</sup>

---

## **4. SPECIAL PRECAUTIONS**

---

- For professional use only
  - This is epoxy resin based and can cause skin irritation.
  - Do not apply below  $+5\text{ }^{\circ}\text{C}$  or above  $+25\text{ }^{\circ}\text{C}$
  - Keep out of reach of children
  - Dispose of waste in accordance with current legislation
- 

## **5. CLEANING OF TOOLS**

---

Clean tools, equipment, and any splashed material immediately with water while still fresh. Take suitable protective and waste disposal measures when cleaning.