

PROTEK-CRETE®

Breathable. Strongly bonded. Built for infrastructure.

Fire-rated, water-based anti-carbonation coating for concrete & masonry | EN 1504-2 certified

BREATHABLE | WATER VAPOUR

Sd 0.2 m

Class I (EN ISO 7783). Moisture vapour escapes freely from the substrate.

STRONG BOND | ADHESION

3.2 MPa

Pull-off strength (EN 1542), well above the EN 1504-2 requirement.

Why breathability matters

Moisture trapped behind a coating is a common cause of blistering and delamination. ProTek-Crete lets water vapour out of the substrate while keeping liquid water and rain out ($w = 0.07 \text{ kg/m}^2 \cdot \text{h}^{0.5}$, EN 1062-3), so it suits damp-prone concrete and masonry.

Why bond strength matters

A coating is only as good as its grip. At 3.2 MPa, ProTek-Crete holds firmly to sound concrete and masonry, well above the EN 1504-2 requirement, which means less risk of lifting or peeling in service.

PLUS THE PROTECTION SPECIFIERS EXPECT

Sd 52 m

CO₂ barrier (EN 1062-6)

Meets the EN 1504-2 requirement for anti-carbonation coatings.

B-s1,d0

Euroclass reaction to fire

Very limited contribution to fire (EN 13501-1).

<30 g/L

VOC content

Water-based, single component. Ready to use, no mixing on site.

TYPICAL APPLICATIONS

Bridge infrastructure

Multi-storey car parks

Marine structures

Facade refurbishment

Balconies & walkways

Concrete repair



ProTek-Crete applied to a concrete bridge structure - Sandstone finish shown

Colours: White, Portland Beige, Grey & Sandstone (custom RAL/BS on request) | Supplied in 10 L containers

Ask KoverTek about ProTek-Crete availability and specification support

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