



PC-Sealcoat® 200

Single component acrylic based elastomeric waterproofing coating

PC-Sealcoat® 200 is a fiber-reinforced elastomeric waterproof coating that is pre-formulated for immediate use, offering exceptional flexibility. This acrylic-based coating is effortlessly applied, forming a flawless waterproof shield that endures UV exposure and accommodates light pedestrian use. Its ability to bridge cracks makes it an ideal choice for waterproofing roofs and terraces, serving as an exposed waterproofing layer.

FEATURES

- Demonstrates exceptional flexibility.
- Offers over 150% elongation capability, effectively bridging cracks.
- Exhibits UV resistance, rendering it suitable for outdoor applications.
- Resistant to light foot traffic, ensuring durability.
- Features a straightforward application process as a liquid-applied membrane, requiring generous coats applied with a roller or brush.
- Suited for various applications, including new constructions, cementitious substrates, or existing tiles on roofs.
- Prevents the proliferation of fungi or microbes.
- Maintains low levels of volatile organic compounds (VOCs).

PRODUCTS PROPERTIES

Physical Properties	Typical Value
Form	Acrylic
Colour	white, red-brown
Hardness according to SHORE A	50
Density	1.41 kg/l ± 0.02 kg/l
Capillary absorption (EN 1062-3, requirement of EN 1504-2: $w < 0.1$)	0.01 kg/m ² · h 0.5
Adhesion (EN 1542, requirement for flexible systems)	1.3 N/mm ²
Permeability to CO2	Sd > 50 m
Water vapor permeability: (EN ISO 7783-2, Class I < 5m)	Sd=0.80 m (permeable)
Reaction to fire: Euroclass F (EN 13501-1)	Euroclass F
Solar reflectance	71%
Minimum application temperature	+5°C
Service temperature	from -15°C to +90°C
Viscosity	~ 80,000 mPa·s
Drying time at +20°C	3 h (touch dry)
Recoat time at +20°C	24 h (touch dry)

The application temperature should be between 5°C to 45°C. Application procedures may vary slightly depending upon site conditions. Recommended guidelines for the application of the coating system is as follows:

USES

- Waterproofing solutions for building roofs and terraces.
- Waterproofing services for external walls.
- Waterproofing application beneath tiles in moist environments.
- Utilizing a white waterproofing coat can aid in mitigating heat accumulation. Roof, terraces and balconies with UP topcoat.
- Marine applications, swimming pools, acidic & alkaline interfaces.

SURFACE PREPARATION

The substrate must exhibit solidity, flatness, and cleanliness, devoid of any substances that may impede adhesion, such as dust, dirt, grease, oil, laitance, or loose particles.

Minor hairline cracks should be addressed using **PC-Conrend®Crack**. In cases of larger cracks, it is recommended to create a V-shaped groove and fill it with a mixture of **PC-Conbond® SBR**, sand, and cement, allowing the mortar to cure for 2-3 days before applying primer. Corners of walls should be filled with an angular fillet or alternatively, consider utilizing flexible waterproofing tape like **PC-Seal®Tape**. To mitigate water pooling, ensure proper roof slope on flat surfaces.

PRIMER APPLICATION

Apply a diluted mixture of **PC-Prime® AC** and water in equal parts (1:1 ratio) as a primer to facilitate robust and enduring adhesion. Allow a curing time of 2-3 hours post application of **PC-Prime® AC**.

PRODUCT PREPARATION

Thoroughly mix the substance before applying **PC-Sealcoat® 200**. Refrain from incorporating water, colorants, or solvents under any circumstances.

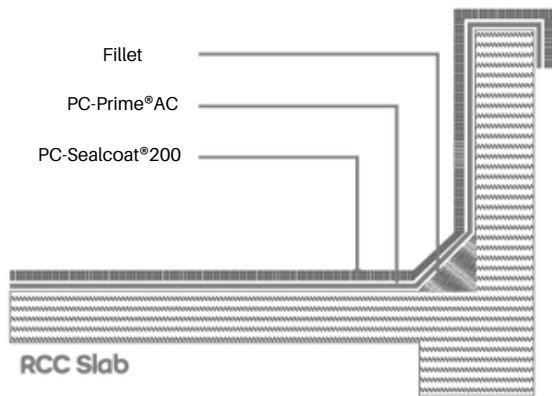
PRODUCT APPLICATION

Apply the initial coat of **PC-Sealcoat® 200** onto the primed surface using either a roller or brush. Allow the first coat to dry for a duration of 4-6 hours. Subsequently, administer a second coat of **PC-Sealcoat® 200** perpendicular to the initial coat.

Prior to permitting any foot traffic on the surface, ensure a drying period of 96 hours for the second coat. For regions prone to heavy traffic, consider adding an additional layer of protective concrete screed/mortar atop the **PC-Sealcoat® 200**.

COVERAGE

600 grams / sqm / coat For waterproofing apply a minimum two of coats of **PC-Sealcoat® 200**.



FOR TERRACE WATERPROOFING

Prepare the surface thoroughly by removing impeding substances like dust, dirt, and oil. Use **PC-Conrend®Crack** for hairline cracks and a blend of **PC-Conbond®SBR**, sand, and cement for larger cracks. Fill 90-degree joints with an angular fillet. Apply a primer, **PC-Prime®AC**, followed by two layers of **PC-Sealcoat®200**. Consider adding concrete screed in high-traffic areas after 48 hours.

PACKAGING

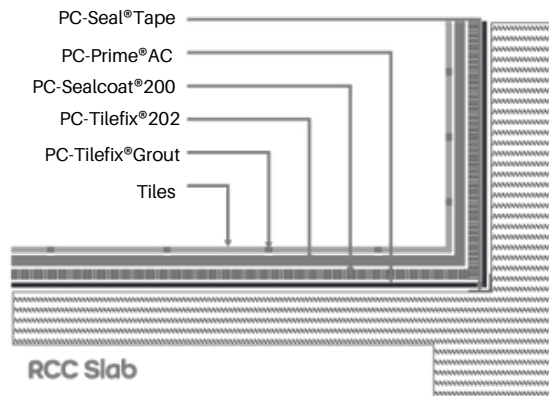
20 kg air tight buckets

LIMITATIONS

- Accumulated moisture on the surface can potentially cause blisters, a common occurrence with liquid-applied membrane coatings.
- It is important to note that this product is intended for light foot traffic exclusively. Heavy vehicular activity or the operation of machinery can puncture the membrane, resulting in leaks.

SAFETY

Extended exposure may lead to eye and skin irritation upon contact. If the issue persists, seek medical assistance. It is advisable to use gloves when applying the product.



FOR UNDER-TILE WATERPROOFING

Prepare substrate thoroughly ensuring it's clean and level. Treat cracks with **PC-Conrend®Crack**. Prime with **PC-Prime®AC**, then apply two coats of **PC-Sealcoat®200**. Fix tiles with **PC-Tilefix®202**, and maintain a 2mm gap. Fill tile joints with **PC-Tilefix®grout** easy after 24 hours.

SHELF LIFE

24 months from the date of manufacturing if stored in original and unopened packaging in a cool & dry place away from direct sunlight.

PRECAUTIONS

- Flat rooftops should be sloped correctly to prevent water accumulation.
- The substrate must reach a state of SSD before applying the primer.
- Ensure comprehensive coverage of all joints with an angular fillet.
- Apply **PC-Sealcoat®200** to parapet walls for a seamless waterproofing layer.
- Reinforce corners, gaps, joints, and protrusions with , followed by an additional coat.
- Refrain from exposing the coatings to water until they have completely cured.
- Avoid making structural changes to the surface post-application to prevent damage to the coating system, necessitating reapplication.



All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our [website www.pc-wc.com](http://www.pc-wc.com)



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