PC-Sealcoat® 200

Acrylic based liquid applied membrane for roof waterproofing

PC-Sealcoat® 200 is a one-part, acrylic, water-based, elastic liquid membrane that can be directly applied from the container. It offers a seamless, smooth waterproof finish, demonstrating resistance to UV exposure and environmental pollutants. Additionally, it possesses elastic properties and is vapor-permeable, enhancing its functional versatility.

FEATURES

- Resistant to UV exposure
- Mold and fungus resistant
- Excellent crack-bridging capability with high elongation at break
- Vapor permeable
- Water-based formulation
- Low in volatile organic compounds (VOCs)
- One-part, ready to use
- Easy to apply
- Available in a variety of colors
- Cold applied; requires no heat or flame
- Extends the lifespan of existing roofs and walls

PRODUCTS PROPERTIES

Physical Properties	Typical Value
Form	Acrylic
Colour	white, Gray
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/m² ·h 0.5
Adhesion (EN 1542, requirement for flexible systems)	1.3 N/mm²
Elongation at break after treatment	≥250%
Water vapor permeability: (EN ISO 7783-2, Class I < 5m)	Sd=0.80 m (permeable)
Heat Expansion Rate	≤1.0%
Solar reflectance	81%
Minimum application temperature	+5°C
Service temperature	from -15°C to +90°C
Viscosity	50000 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 of roofs for both new construction and refurbishment projects.
- Application of waterproofing techniques for external walls.
- Renovation and waterproofing of aging roof tiles.
- Addressing roofs with intricate details, including penetrations, drains, skylights, and complex geometries.

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-Sealcoat® 200 and water in equal parts (1:1 ratio) as a primer to promote strong and lasting adhesion or you can use PC-Prime®AC. Allow a curing time of 2 to 3 hours following the application of PC-Sealcoat® 200.

PRODUCT PREPARATION

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

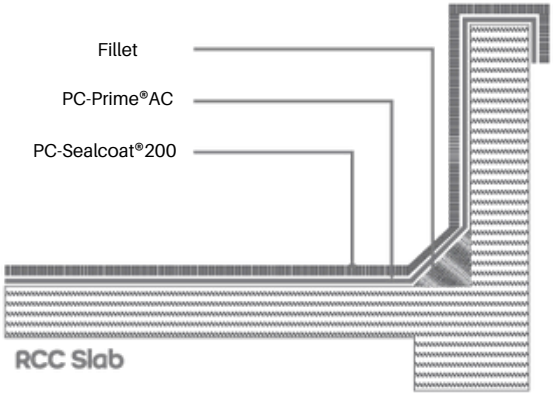
PRODUCT APPLICATION

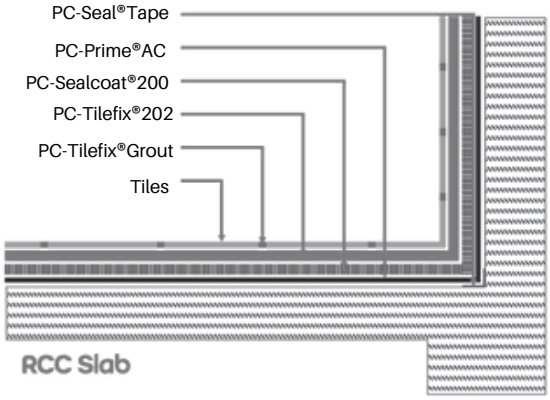
Apply the initial coat of **PC-Sealcoat® 200** onto the primed surface using either a roller or brush. Allow the first coat to dry for a duration of 4-6 hours. Subsequently, administer a second coat of **PC-Sealcoat® 200** perpendicular to the initial coat.

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

05-0.6 KG / sqm / coat For waterproofing apply a minimum two of coats of **PC-Sealcoat® 200**.





FOR TERRACE WATERPROOFING

To ensure optimal results, begin by thoroughly preparing the surface, eliminating any obstructive substances such as dust, dirt, and oil. For hairline cracks, utilize **PC-Conrend® Crack**, while a mixture of **PC-Conbond® SBR**, sand, and cement should be employed for larger cracks. Fill 90-degree joints with an angular fillet. Next, apply a primer, either **PC-Prime® AC** or a water-diluted coat, followed by two layers of **PC-Sealcoat® 200**. Additionally, consider incorporating a concrete screed in high-traffic areas after a curing period of 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.

SAFTY

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 Apply a primer, PC-Prime ® AC/or water dalituted coat**, 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.

ISO 9001 CERTIFIED

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TECHNICAL DATA SHEET UPDATED IN SEPTEMBER 2020
TDS/PC-SEALCOAT® 200/20