



PC-Mastic®01

Ready to use solvent-based waterproofing bitumen mastic

Ready to use waterproofing bitumen mastic **PC-Mastic®01** presents a mix of high-quality bitumen, mineral fillers, special additives and organic solvents.

AREA OF APPLICATION

PC-Mastic®01 is used for waterproofing of concrete or wood surfaces of underground structures, foundations, basements, piles, etc.

PRODUCTS PROPERTIES

Physical Properties	Typical Value
Adhesion strength with concrete / metal, MPa	≥0.1 / ≥0.1
Shear strength of the adhesive bond, kN/m	≥2.0
Mass fraction of non-volatile substances, %	≥65
Heat resistance, °C	≥80
Flexibility on R=5.0±0.2 mm beam at -5°C	no cracks
Water absorption over the course of 24 h, %	≤0.4
Watertightness during 10 min at a pressure of 0.03 MPa	pass
Consumption for installation of 1 layer, kg/m ²	0.7-1.0

NOTE: Do not use near an open flame. Work in well-ventilated areas. Avoid contact with skin and eyes.



PERFORMANCE OF WORKS

The mastic is applied to a surface layer by layer by brush or spatula. A layer can be also installed by pouring and leveling. Every following layer is applied after the previous one becomes dry. Application of at least 2 mastic layers is recommended for reliable waterproofing. Application temperature range is from -20°C to +40°C. At a temperature below +5°C keep the mastic in a warm room for at least 24 hours. Drying time under standard conditions is not more than 24 hours.

STORAGE

The product should be stored in a dry place protected from direct sunlight at temperatures from -20°C to +30°C. Shelf life 18 months.

PACKAGING INFORMATION

Metal eurobuckets of 3, 10 and 20 kg.



PC-WC GLOBAL FZ-LLC

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TECHNICAL DATA SHEET UPDATED
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 TDS/PC-MASTIC®01/20

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