



PC-CFloor® MF

Self-Smoothing Flexible Polyurethane Resin Floor Finish

PC-CFloor® MF is A self-leveling polyurethane resin flooring system with a matte-satin finish, ideally tailored for minimalist, modern, and contemporary settings. This flooring solution is particularly suitable for various commercial settings such as retail stores, educational institutions, high-end boutiques, and corporate offices.

FEATURES

- This modern floor coating presents a sophisticated matte-satin finish.
- Its cushioned surface not only ensures durability but also reduces noise effectively.
- Being solvent-free, it maintains a low odor pre and post-application.
- Highly resilient, it is particularly suitable for enduring heavy foot traffic in commercial settings.
- Additionally, it offers protection against a range of chemicals commonly encountered in commercial environments.

PRODUCTS PROPERTIES

Physical Properties	Typical Value
FIRE RESISTANCE	EN 13501-1 Bfl - s1
SLIP RESISTANCE	Method described in BS 7976-2 (typical values for 4-S rubber slider) Dry>40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)
THERMAL RESISTANCE	Tolerant of sustained temperatures up to 40°C
WATER PERMEABILITY	Nil - Karsten test (impermeable)
CHEMICAL RESISTANCE	Contact Technical Department
ELONGATION AT BREAK	DIN 53504 50 - 100%
SHORE A HARDNESS	DIN 53505 Approx. 80
BOND STRENGTH	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa
TOXICITY	Inert and harmless when cured

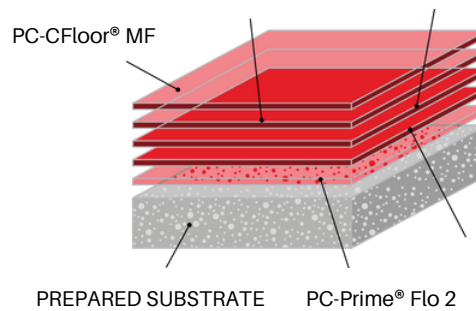
SPEED OF CURE	10°C	20°C	30°C
Light Traffic	48 h	36 h	24 h
Full Traffic	96 h	48 h	36 h
Full Chemical Cure	14 d	7 d	6 d

MODEL SPECIFICATION

System	PC-CFloor® MF
Finish	Matt-Satin
Thickness	2 - 3 mm
Manufacturer	PC-WC Global Fz-ltc

Ensure the completion of preparatory tasks and adhere closely to the manufacturer's instructions.

SYSTEM DESIGN



SUBSTRATE REQUIREMENTS

The concrete or screed substrate must possess a minimum strength of 25N/mm² and must be meticulously clean, devoid of laitance, dust, or any other impurities. It is imperative that the substrate remains dry, with a relative humidity of up to 75% in accordance with BS8204 standards, and is free from both rising damp and ground water pressure.

INSTALLATION SERVICE

The installation must be carried out by a licensed contractor adhering to a documented quality assurance scheme. For details regarding our licensed contractors, please contact our customer service team or visit our website at www.pc-wc.com.





ENVIRONMENTAL CONSIDERATIONS

The finalized system has been assessed as safe for both human health and the environment. Its extended service life and seamless surface contribute to reduced needs for repairs, maintenance, and cleaning. PC-WC personnel and skilled contractors diligently oversee environmental and health considerations during the manufacturing and application phases.

AFTERCARE, CLEANING & MAINTENANCE

Clean surfaces routinely by utilizing either a single or double-headed rotary scrubber drier paired with a mildly alkaline detergent.

FURTHER INFORMATION

To ensure the selection of a floor that aligns with your requirements, we encourage you to contact our Technical Advisors or explore our website to indicate your interest in specifying one of the most durable flooring options on offer.

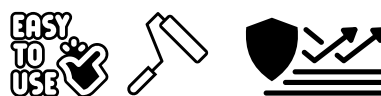
IMPORTANT NOTE

PC-WC flooring products are backed by a warranty that safeguards against defects in materials and manufacturing. These products are sold in accordance with our standard 'Warranty, Terms, and Conditions of Sale', available upon request. It's important to highlight that the warranty does not extend to issues of suitability, fitness for a specific purpose, or any resulting consequential damages.



PC-WC GLOBAL FZ-LLC

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TECHNICAL DATA SHEET UPDATED IN
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TD/PC-CFLOOR® MF/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](http://www.pc-wc.com)