



PC-Cpsheid®EP

Low Voc, Solvent Free, Epoxy Car Park Deck Coating System

PC-Cpsheid®EP is an epoxy traffic coating system that boasts low levels of Volatile Organic Compounds (VOCs) and is devoid of solvents, making it well-suited for interior car parking facilities. It not only elevates the visual appeal of multi-storey car parks but also contributes to a more luminous and secure setting for patrons.

FEATURES

- Enhances dim and gloomy car parks and suspended floors.
- Exhibits durability and resistance to abrasion, making it ideal for areas with frequent vehicle traffic.
- Offers the option of a textured finish to mitigate slips and falls for car park users.
- Guarantees a secure environment for parking facilities.

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 temperatures up to 60°C
Water permeability	Nil - Karsten test (impermeable)
Chemical Resistance	Contact Technical Department
Abrasion resistance	Taber Abrader (1 kg load using CS10 wheels) 80 mg loss per 1000 cycles
SURFACE HARDNESS	EN 13892-2 & > 50 N/mm ²
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa

Speed Of Cure	10°C	20°C	30°C
Light Traffic	48 h	24 h	18 h
Full Traffic	72 h	48 h	36 h
Full Chemical Cure	12 d	7 d	6 d

Flooring materials' slipperiness may change post-installation due to various factors. Textured systems are advised for slip resistance. Contact Technical Advisors for more information.

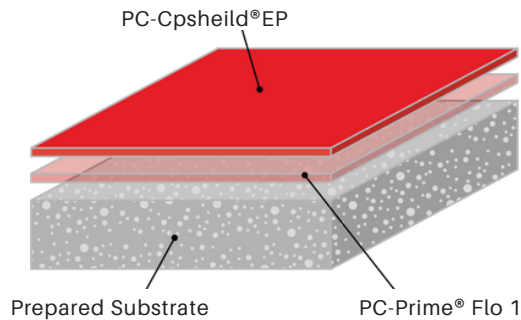
INSTALLATION SERVICE

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

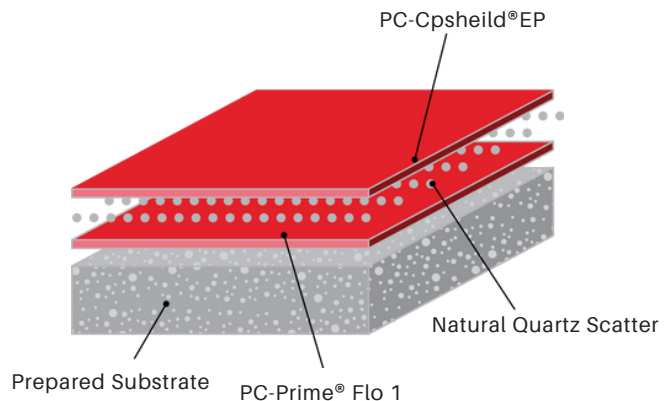
MODEL SPECIFICATION

System	PC-Cpsheid®EP
Finish	Textured
Thickness	Dependant on Specification
Manufacturer	PC-WC Global Fz-llc

SURFACE PREPARATION (Parking Bays & Driveways)



SURFACE PREPARATION (Turning Circles & Ramps)



SUBSTRATE REQUIREMENTS

- The concrete or screed substrate should possess a minimum strength of 25N/mm² and must be free from laitance, dust, or any other impurities.
- The substrate should exhibit a maximum of 75% relative humidity, as per BS8204, and must be devoid of rising damp and ground water pressure.



ENVIRONMENTAL CONSIDERATIONS

The finalized system has been assessed as safe for both human health and the environment. Its durable composition and sleek surface reduce the need for frequent repairs, upkeep, and cleaning. The management of environmental and health considerations is meticulously overseen by PC-WC personnel and proficient contractors throughout the manufacturing and application processes of the products.

AFTERCARE, CLEANING & MAINTENANCE

Regular cleaning can be effectively achieved by utilizing a single or double-headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

IMPORTANT NOTE

PC-WC products are accompanied by a warranty that covers any defective materials or manufacturing errors. These products are distributed under our standard 'Warranty, Terms, and Conditions of Sale,' which can be obtained upon request. It is important to highlight that this warranty does not encompass suitability, fitness for a specific purpose, or any ensuing or related damages.

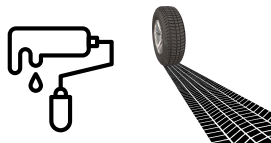
FURTHER INFORMATION

To ensure the selection of a floor that meets your specific requirements, we recommend reaching out to our Technical Advisors or visiting our website to express your interest in specifying one of the most resilient flooring options available in the market.



PC-WC GLOBAL FZ-LLC

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TECHNICAL DATA SHEET UPDATED IN
SEPTEMBER 2020
TDS/PC-CPSHEILD*EP/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)