



PC-Crack Seal® Paste

VOC-free, high-strength epoxy that safely fills concrete cracks with long-lasting, durable results.

PC-Crack Seal® Paste is a 100% solids, two-component gel-type epoxy specially designed for repairing cracks in concrete. With a simple 2:1 mixing ratio, it's easy to use and can be applied on both horizontal and vertical surfaces. This VOC-free formula offers a long working time, yet cures quickly—making it ready for primer or base coat application within minutes. Formulated with advanced cycloaliphatic polyamine technology, it delivers exceptional mechanical and chemical resistance, making it ideal for residential, commercial, and industrial use.

USES

The Crack Seal Paste is ideal for a wide range of challenging environments, including:

- Industrial settings
- Manufacturing plants and storage warehouses
- Shopping malls and commercial complexes
- Corporate office spaces
- Retail outlets
- Vehicle garages
- Food and beverage production and processing facilities
- Public institutions such as hospitals and educational establishments
- Pharmaceutical industry facilities
- Various other commercial applications

APPLICATION & TECHNICAL PROPERTIES

Physical Properties	Typical Value
Mix Ratio	2A:1B
Color	Grey
Application Temperature	Min 10°C / 50°F, Max 30°C / 86°F
Cure Time	At 22°C (72°F) and 50% RH
Working time	30 Min
2nd coat	60 Min
Dry Through	2Hr 30Min
Full Cure	24 Hr
Solids Content	100%
Viscosity (A&B)	75000 cps
VOC Content	0 g/l

SHELF LIFE

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

MIXING

Mix two parts of Component A with one part of Component B on a clean tray using a trowel or scraper until the mixture becomes a uniform light grey color. Ensure the surface is clean and free from any dust or debris. Only mix the amount you need, based on the product's pot life and working time.

FEATURES

- Environmentally friendly with 100% solids and zero VOC emissions
- Almost no odor during application
- Rapid curing process
- Suitable for application on vertical surfaces
- Allows recoating within 24 hours
- Retains its thixotropic properties even during the exothermic curing phase
- Easy to apply with extended pot life and working time
- May contribute towards LEED certification eligibility

SURFACE PREPARATION

Ensure the concrete is clean, dry, and free from grease, oil, paint, curing agents, or any contaminants that could prevent proper adhesion. The concrete should be at least 28 days old before applying the coating. If it's newer than 28 days, a moisture mitigation system may be needed (refer to its technical data for details).

Check the concrete's moisture and acidity levels. The pH should be between 5 and 9. Use a moisture meter to verify that the moisture content is below 4%. Take several readings from different spots. If moisture exceeds 4%, the floor must be fully dried, or a moisture mitigation system should be applied.

The surface must be roughened by shot blasting or a similar mechanical method to achieve a Concrete Surface Profile (CSP) level 3 or higher, depending on the application. This opens the pores so the product can penetrate properly.

If applying over an existing epoxy coating that has been installed for more than 24 hours, sand the surface thoroughly, then clean it with a vacuum and solvent before applying the new product. This ensures good adhesion. Conduct adhesion tests if you are uncertain about the surface preparation.

APPLICATION

Apply PC-Crack Seal® Paste when air and surface temperatures are between 10°C (50°F) and 30°C (86°F), with humidity below 85%. Turn off any floor heating during application and curing.

Designed for concrete, PC-Crack Seal® Paste can be applied in thick layers using a trowel or scraper to fill cracks and voids. Ensure the surface is properly prepared and perform necessary testing before application.

APPLY 2ND COAT

We recommend waiting about 60 minutes after applying PC-Crack Seal® Paste before installing the next layer, such as primer or topcoats. If more than 24 hours have passed, you must sand the surface before applying anything on top. Make sure to remove all dust using a vacuum. For more details, contact the manufacturer.

CLEANING

Any leftover material from Part A and Part B should be mixed so it can harden. Once it's cured, it can be safely removed. If there's any liquid left that hasn't hardened, keep it in a sealed container and dispose of it properly according to local and national regulations.

REMARKS

Begin the application process carefully before any waterproofing work on flat surfaces. Make sure the applied material stays completely dry until it has fully cured.

Do not apply PC-Crack Seal® Paste if the temperature is above 40°C or below 10°C. For best results, apply the product when both the air and surface temperatures are gradually decreasing—this helps avoid the formation of air bubbles, which can occur if temperatures are rising during application.

If working near parapet walls, fill cracks or surface damage up to a height of at least 1 foot. All joints should be reinforced with an angular fillet for added durability. When using a geotextile membrane in combination, apply PC-Crack Seal® Paste in sections approximately 1 meter wide for better handling and coverage.

PACKAGING

2-Gallon Set:

- Component A (Resin): 4 kg
- Component B (Hardener): 2 kg

IMPORTANT APPLICATION NOTES

Make sure the surface is completely dry before applying the product. Use a moisture meter to check that the moisture level is below 4%. If the concrete has high moisture levels, do not apply the product unless you use a moisture barrier system.

This product can be applied in various thicknesses, but curing time may vary. In general, thicker layers cure faster. Warm temperatures will also speed up drying, while cold conditions will slow it down and may affect the surface finish. Avoid cleaning the surface for at least one week after installation.

Store the product at room temperature to ensure consistent performance. Avoid using direct-fired or unvented heaters during application, as they release gases that can interfere with curing and may cause surface problems like whitening, poor bonding, or a sticky finish.

While Labsurface ensures high product quality, we cannot guarantee results because surface preparation and application methods are beyond our control. It's the user's responsibility to test the product for their specific use.

To maintain quality, our formulas may be updated from time to time. For the latest product details, please contact Labsurface.

Also, note that some people may experience allergic reactions when exposed to the raw chemicals in Part A or Part B. Once fully cured, the product becomes non-reactive and should not cause irritation. Our raw materials are similar to those used by other manufacturers.

SAFETY

When working with PC-Crack Seal® Paste, proper safety precautions must be followed. Prolonged or repeated exposure may cause irritation to the skin and eyes upon direct contact. It is strongly recommended to wear protective gloves and safety glasses during application to minimize the risk of irritation or allergic reaction.

In case of skin contact, wash the affected area thoroughly with soap and water. If the product comes into contact with the eyes, rinse immediately with clean water for several minutes. Should irritation continue or symptoms persist, seek medical attention promptly.

Always handle the product in a well-ventilated area and follow local safety guidelines. For more detailed safety instructions, refer to the product's Safety Data Sheet (SDS).



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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