

Bitumen primer

PCI Pecimor® F

for external basement walls and foundations

PCI[®]
Für Bau-Profis



Fields of application

- For indoor and outdoor use.
- For walls and floors.
- Primer in accordance with DIN 18 195 for PCI Pecimor and PCI Pecithene.
- For the protection of structural members against waters aggressive to concrete in accordance with DIN 4030-1.
- As primer for bituminous sheets.



PCI Pecimor F, diluted 1 : 5 with water, acting as primer for waterproofing buildings with polymer-modified thick bitumen coating to DIN 18 195.

Features and benefits

- Solvent free, no damage to environment and operative due to solvent vapours. No hazard of fire or explosion. No vapours harmful to health.
- Ready to use as protective coating, no mixing required, easy to apply.
- Resistant to waters aggressive to concrete in accordance with DIN 4030.
- Temperature resistant from -20°C to +80°C in cured condition.



A brand of

BASF

We create chemistry

Technical data

Material

Material base	highly concentrated bitumen compound, solvent free
Components	single component
Density	approx. 1.0 g/cm ³
Consistency	fluid - pasty
Colour	black brown
Shelf life	min. 12 months
Storage	dry and frost free, no permanent storage over +30°C
	Full pallets are non-stackable.
Packaging size	33 l unit, stock no. 2056/2 10 l unit, stock no. 2057/9 5 l unit, stock no. 2052/4

Application

Consumption	
- primer	
- dilution 1 : 5	approx. 50 ml/m ²
- dilution 1 : 1	approx. 150 ml/m ²
- undiluted	approx. 250 - 300 ml/m ²
- protective bitumen coating	approx. 0.5 l/m ² for two coats
Dry layer thickness (for two coats, undiluted)	approx. 260 µm (applied quantity approx. 0.5 l/m ²)
Processing temperature	+5°C to +25°C (substrate temperature)
Substrate condition	dry to damp
Mixing ratio (when used as primer)	
- for PCI Pecimor	1 part of PCI Pecimor F + 5 parts of water
- for PCI Pecithene at substrate temperatures	
- from +10°C to +25°C	1 part of PCI Pecimor F + 1 part of water
- from +5°C to +10°C	PCI Pecimor undiluted
Processing time	open
Curing time*	
- 2 nd coat after	approx. 1 hour
- rainproof after	approx. 2 hours
- curing time	approx. 1 day
Temperature resistance	-20°C to +80°C

* At +23°C and 50% relative humidity. Higher temperatures reduce, lower temperatures increase the times given. Higher humidity increases the times given.

Preparation of substrate

■ Suitable substrates are structurally sound concrete, at least strength class C 12/15 to DIN EN 206, plaster CS IV to DIN EN 998-1, masonry made of bricks fully joint-filled with cement mortar, lightweight ventilated bricks, sand-lime bricks, lightweight concrete and hollow concrete blocks, aerated concrete.

Use PCI Pecimor-Betongrund as primer to waterproof a building with bitumen thick coating on concrete substrates.

■ The substrate must be structurally sound, smooth and fine-pored in the surface. It must be free from honeycombs, gaping cracks and ridges, dust, tar, pitch, forming oil and

other residues which could impair adhesion. The substrate should be dry or just slightly damp. Edges should be broken.

■ Covings are to be rounded with PCI Polyfix Plus L or PCI Nanocret R2, minimum radius of covings 4 cm.

Application procedure as primer for PCI Pecimor 1K, 2K and PCI Pecithene

1 Mix the entire content of the PCI Pecimor F pail.

1.1 For the use as primer for PCI

Pecimor 1K or 2K: Transfer PCI Pecimor F to an appropriate bucket and add 5 parts of water to 1 part of PCI Pecimor F while remixing thoroughly.

1.2 For the use as primer for PCI

Pecithene: At substrate temperatures from +10°C to +30°C: transfer mixed PCI Pecimor F to another bucket, dilute 1 : 1 with water and remix thoroughly. At temperatures from +5°C to +10°C: apply PCI Pecimor F in undiluted condition.

2 Apply material to the substrate using a paint brush, roller or airless equipment.

3 The bitumen thick coating PCI Pecimor or the cold-applied bituminous sheet PCI Pecithene can be applied when the primer is dry.

Application procedure as protective bitumen coating to waters aggressive to concrete

1 Mix PCI Pecimor F with a suitable paddle attached to a slow-speed electric drill (approx. 400 rpm).

2 Using a paint brush, roller or airless equipment, apply the **first coat** to the

concrete substrate evenly covering the entire surface.

3 Allow a curing time of approx. 1 hour before applying the **second coat** evenly and covering the entire surface using a

paint brush, roller or airless equipment.

Protect newly applied coating from rain!

Please note

- Full pallets are non-stackable!
- PCI Pecimor F is not suitable for potable water application.
- Protect newly applied coating from rain.
- Use the special primer PCI Pecimor-Betongrund to prime concrete substrates in case of waterproofing

buildings with PCI Pecimor bitumen thick coating.

- Suitable tools are available from e.g. Collomix GmbH, Horchstraße 2, 85080 Gaimersheim/Germany, www.collomix.de.
- Clean tools with water immediately after use; when the product has

cured it can only be removed by mechanical scraping.

- Shelf life: min. 12 months; store dry and frost free, no permanent storage over +30°C.

Attention! Frost-free storage and transportation.

Information on the safe use

Treated goods in accordance with regulation (EU) No 528/2012:

Contains biocide (in-can preservative): N,N'-Dimorpholinomethane.
Keep out of reach of children. Wear

protective gloves. Protect eyes where there is risk from splashing. In case of contact with eyes thoroughly rinse with water. If the eye irritation does not ease off within a few minutes seek medical

advice. If medical advice is needed, have product container or label at hand.

Giscode: BBP 10

For further information: see PCI Material Safety Data Sheet.

Disposal of emptied PCI sales packaging

PCI participates in an area-wide waste disposal system for sales packaging completely emptied. DSD – Duales System Deutschland (Dual System Germany, contract number 1357509) is

our partner for waste disposal. PCI sales packaging completely emptied can be disposed of via DSD in accordance with the symbol printed on the packaging.

Services for architects and designers

Consultations at the workplace, supplementary information, testing certificates and sample descriptions can

be requested from professional advisors and at the company headquarters.



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