

Bitumen primer

PCI Pecimor[®] F

309

for external basement walls
and foundations

With official test certificate.

FIELDS OF APPLICATION

- For indoor and outdoor use.
- For walls and floors.
- Acting as a primer to DIN 18 195 for PCI Pecimor and PCI Pecithene.
- Protection for structural members against waters aggressive to concrete in accordance with DIN 4030.



PCI Pecimor F, diluted 1 : 5 with water, acting as a primer for the tanking of structures with polymer-modified thick bitumen coating in accordance with DIN 18 195.

FEATURES AND BENEFITS

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

TEST CERTIFICATES

- Official test certificate in combination with polymer-modified thick bitumen coatings from PCI.



TECHNICAL DATA

MATERIAL

Material base	highly concentrated bitumen compound, solvent-free
Components	1 part
Density	approx. 1.0 g/cm ³
Consistency	liquid - pasty
Colour	black brown
Labelling to	
- Regulation for hazardous goods on roads	non hazardous
- Regulation for hazardous substances	no labelling requirement for this product
<i>For further information see Health and Safety.</i>	
Shelf life	min. 12 months
Storage	in dry conditions and protected from frost, no permanent storage over +30°C
Packaging	33 litre unit 12 litre unit 5 litre unit

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 litre/m ² with two coats
Dry layer thickness	approx. 260 µm
(with two coats, undiluted)	(applied quantity approx. 0.5 litre/m ²)
Working temperature	+5°C to +30°C (substrate temperature)
Substrate condition	dry to mat-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
Working 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 C12/15, plaster CS IV to DIN 998-1, masonry made of bricks fully joint-filled with cement mortar, light-weight ventilated bricks, sand-lime bricks, light-weight concrete and hollow concrete blocks, aerated concrete.

For priming a structure with thick bitumen coating on concrete substrates the primer PCI Pecimor-Betongrund must be applied.

■ The substrate must be sound, smooth and fine-pored in the surface. It must be free from honeycombs, gaping cracks and ridges, dust, tar, pitch, forming oil, old paint or other bond-inhibiting substances. The substrate should be dry or just slightly damp. Edges should be broken.

■ Covings should be rounded with PCI Repafix or a damp mortar mix consisting of cement, sand, water and PCI Emulsion (mixing ratio 1:3), minimum radius of covings 4 cm.

APPLICATION PROCEDURE AS PRIMER FOR PCI PECIMOR 1K, 2K AND PCI PECITHERE

1 Mix up the entire contents of the PCI Pecimor F unit.

1.1 When acting as a primer for PCI Pecimor 1K or 2K:

Put PCI Pecimor F in an appropriate container and add 5 parts of water to 1 part of PCI Pecimor F while remixing thoroughly.

1.2 When acting as a primer for PCI Pecithene:

At substrate temperatures from +10°C to +25°C transfer mixed-up PCI Pecimor F to another container, 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 the material to the substrate using a paint brush, roller or airless equipment.

3 When the primer is dry apply the thick bitumen coating PCI Pecimor or the cold-applied bitumen sheeting PCI Pecithene.

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 Apply the **first coat** to the concrete substrate evenly to cover the entire surface using a paint brush, roller or airless equipment.

3 After a curing time of approx. 1 hour apply **second coat** evenly to cover the entire surface using a paint brush, roller or airless equipment. Protect newly applied coating from rain!

PLEASE NOTE

- PCI Pecimor F is not suitable for drinking water application. Use PCI Dichtschlämme for this purpose.
- Protect newly applied coating from rain.
- For priming concrete substrates in case of tanking a structure with thick bitumen coating PCI Pecimor the special primer PCI Pecimor-Betongrund should be applied.
- Suitable tools are available from e.g. Collomix GmbH, Horchstraße 2, 85080 Gaimersheim/Germany, www.collomix.de.
- Clean tools with water immediately after use, once the product has cured it can only be removed by mechanical means.
- Shelf life: min. 12 months when stored in dry conditions and protected from frost, no permanent storage over +30°C.

Attention! Frost-free storage and transportation.

HEALTH AND SAFETY

General information on dispersion products

Do not allow dispersion to dry on the skin. Dried dispersion can be removed by products containing oil or fat (e.g. paraffin or edible oil). 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 prompt medical attention. Do not inhale spray mist, use particle filter mask P2. For spray application follow the relevant rules for accident prevention issued by the professional association.

For further information see PCI Material Safety Data Sheet.

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Ein Unternehmen von

