Technical Data Sheet 214
Edition August 2017

PCI®
Für Bau-Profis

Levelling compound
PCI Pericret®
for floors, walls and overhead application

Fields of application

- For indoor and outdoor use.
- For floors, walls and overhead application.
- On concrete and masonry.
- On gauged render and render.
- On plasterboards and plaster.
- On existing ceramic tiles.
- Base coat and/or levelling coat on masonry before applying rubbed-finished render, scratch render or polymer-modified render.
- For levelling and repairing irregular wall surfaces before tiling.
- For levelling concrete floors and cement screeds, for producing smooth sloped levelling layers prior to laying floor tiles.
- For fixing PCI Pecidur HR foam shower floor elements.
- Layer thickness 3 - 50 mm.

PCI Pericret provides good workability – can be applied in layer thicknesses from 3 to 50 mm.

Features and benefits

- Fast setting, can be tiled or re-plastered after approx. 2 hours.
- Waterproof, resistant to weather conditions and frost, multi-purpose use indoors and out.
- Creamy and workable consistency when adding water, easy to apply.
- Low shrinkage during the curing phase.
- Very low emissions.

GEV-EMICODE® EC 1 PLUS very low emission

CE
0767
PCI Augsburg GmbH
Piccardstraße 11
D-86159 Augsburg
13
DE0057/03

PCI Pericret (DE0057/03)
EN 998-1:2016

General purpose rendering mortar
EN 998-1 GP CS IV

Reaction to fire	Class E
Water absorption	W0
Water vapour permeability μ	≤ 25
Adhesion	≥ 0,6 N/mm² FP:B
Thermal conductivity λ10,dry (Table value to EN 1745:2012)	≤ 0,45 W/(m·K) for P= 50 % ≤ 0,49 W/(m·K) for P= 90 %

Technical data

Material

Material base	special cement with additives
Components	single component
Consistency	powder
Colour	grey
Shelf life	min. 6 months; store dry, no permanent storage over +30°C
Packaging size	25 kg PE-lined heavy duty paper bag stock no. 3680/8

Application

Consumption (dry mortar)	approx. 1.3 kg/m² and mm layer thickness
Coverage - 3 mm layer thickness - 10 mm layer thickness - 20 mm layer thickness	25 kg bag covers approx. 6.4 m² 1.9 m² 1.0 m²
Layer thickness - minimum - maximum	 3 mm 50 mm
Processing temperature	+5°C to +25°C (substrate temperature)
Mixing ratio and/or quantity of gauging water - for 25 kg bag	 approx. 4.8 - 5.0 l of water
Processing time*	approx. 30 - 40 minutes
Curing time*	can be tiled after approx. 2 hours

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

Preparation of substrate

- The substrate must be clean, structurally sound, open cell, absorbent, free of dust, damp and able to take loads. Prime very absorbent substrates (e.g. sand-lime brick) with PCI Gisogrund, diluted with water 1 : 1 (undiluted for gypsum based substrates), alternatively with undiluted PCI Gisogrund Rapid. Substrates very absorbent and insensitive to water can also be intensively pre-wet. Prime non-absorbent substrates (e.g. ceramic tiles) with PCI Gisogrund 303.

Application procedure of PCI Pericret

1 Fill water in a clean mixing bucket, add the required quantity of PCI Pericret while mixing to a creamy, lump-free consistency using a suitable paddle (e.g. from Collomix) attached to a high-speed electric drill.

2 Using a finishing trowel, apply a thin scratch coat with PCI Pericret to the clean substrate before applying the mortar to the entire surface.

3 When the mortar has initially set (approx. 30 to 90 minutes depending on layer thickness, substrate and processing temperature), PCI Pericret can be rubbed down with a damp felt board or sponge float (Moltopren sponge, porous) or smoothed with a finishing trowel or plastering plane if necessary.

4 The substrate must be prewet and protected from rapid drying in high temperatures, wind and direct sunlight (e.g. repeated sprinkling with water, covering with jute or PE foil).

Please note

- Never add water or wet PCI Pericret to reconstitute a mortar mix which has already begun to set.
- PCI Pericret is unsuitable when acting as a substrate for reaction resin coatings.
- Suitable tools are available from e.g. Collomix GmbH, Horchstraße 2, 85080 Gaimersheim/Germany, www.collomix.de.
- Clean tools and mixing buckets with water immediately after use; the cured product can only be removed by mechanical scraping.
- Shelf life: min. 6 months; store dry, no permanent storage over +30°C.

Declaration of Performance

The Declaration of Performance can be downloaded as pdf file under www.pci-augsburg.eu/dop.

Information on the safe use

PCI Pericret contains cement: Causes serious eye damage. Causes skin irritation. May cause respiratory irritation.
Keep out of reach of children. Wear protective gloves (e.g. cotton gloves soaked in nitrile) and eye/face protection. Avoid breathing dust. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Wash with plenty of soap and water and put skin cream on (pH value approx. 5.5). IF SKIN IRRITATION OCCURS: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
The product is non-flammable. No special fire precautions are therefore required.
Giscode ZP 1

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.

PCI Augsburg GmbH
Piccardstr. 11
86159 Augsburg
P.O.B. 10 22 47
86012 Augsburg
Germany
Tel. +49 (821) 59 01-0
Fax +49 (821) 59 01-372
www.pci-augsburg.de

zertifiziertes Qualitäts-managementsystem

In view of widely varying site conditions and fields of application of our products this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with PCI and possible resulting damages are in the sole responsibility of the customer. All descriptions, drawings, photographies, data, ratios, weights a.o. stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describe the quality of our products and services and are no warranty.
Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws. All transactions are subject to our Terms of Sale and Supply.

Technical Data Sheet No. 214 (August 2017), Any subsequent publication supersedes this edition.
German edition March 2017; the latest edition is always available on the Internet under www.pci-augsburg.de