

**PCI**<sup>®</sup>

Für Bau-Profis

On the floor, get set, go!

**PCI Novoment<sup>®</sup> fast-setting screed mortars**

For fast installation, covering and utilization





# Novoment



## The PCI Novoment® family at a glance

### Ready-mixed mortars Pages 4-5

#### PCI Novoment® M1 plus



Can be walked on after  
**3 hours**  
Can be covered with tiles  
after **1 day**

#### PCI Novoment® M3 plus



Can be walked on after  
**1 day**  
Can be covered with tiles  
after **3 days**

### Specialized ready-mixed mortars Pages 6-7

#### PCI Novoment® Light



Can be walked on after  
**6 hours**  
Can be covered with tiles  
after **1 day**

#### PCI Novoment® Flow



Can be walked on after  
**6 hours**  
Can be covered with tiles  
after **1 day**

### Binding agents Pages 8-9

#### PCI Novoment® Z1



Can be walked on after  
**3 hours**  
Can be covered with tiles  
after **1 day**

#### PCI Novoment® Z3



Can be walked on after  
**1 day**  
Can be covered with tiles  
after **3 days**

## PCI Novoment® fast-setting screed mortars for the highest requirements Our turbocharged products for professional results – on the floor, get set, go!

When time is of the essence on a building site, you cannot work fast enough. It's a good thing that you can use PCI Novoment® fast-setting screed mortars. These mortars, which feature very short drying times and are ready for covering very fast are precisely tailored to meet the requirements of modern building site organization. Every step from mixing through installation to perfect results is designed for maximum efficiency.

This also includes the wide range of applications. The products of the PCI Novoment® family, including convenient ready-mixed mortars (M1 plus and M3 plus) as well as binding agents (fast-setting binding agents Z1 and Z3) are ideal for laying bonded screeds and screeds on insulating or isolating layers. Whether you are working indoors and outdoors, are laying heated screeds, floating screeds or screeds on isolating layers, the use of these products boosts progress on site. Compared with conventional cement screeds, the fast-setting PCI Novoment® screeds can already be used after a few hours and can be covered with tiles the following day or after three days.

This also applies to the two new products: PCI Novoment® Light lightweight screed mortar and PCI Novoment® Flow ready-mixed flowable screed supplement the fast-setting screed range. This way you can make rapid progress on site and obtain perfect results however tough the challenges may be.

#### ■ Efficient building:

The special formulation of PCI Novoment® fast-setting screeds ensures that they are easy to use, are ready to cover extremely fast and that virtually no reworking is needed. Rapid construction progress is guaranteed.

#### ■ Versatile use:

Indoors or outdoors on new-build and refurbishment projects, layer thicknesses up to 160 mm make PCI Novoment® screeds absolute all-rounders.

#### ■ Convincing results:

Designed for ideal results from processing through to completion: fast, uncomplicated and with very low emissions.



## Quick and easy from 0 to tiled over in a very short space of time

Rapid construction progress guaranteed: the fast-setting ready-mixed screed mortars PCI Novoment® M1 plus and M3 plus are the ideal solution for laying screeds when time is of the essence. Their convincing features include fast drying, versatile use and reduced site coordination time. The ready-mixed mortar only needs to be mixed with water and is then ready for use immediately. Additional products, complex logistics or a large storage space are not required. This product is therefore the ideal fast screed solution for areas of all sizes.

For fast-hardening bonded screeds, screeds on isolating or insulating layers, heated screeds and in permanently wet areas. The ready-mixed mortars are also suitable for direct use in layer thicknesses between 20 and 80 or 120 millimeters.



As they are ready-mixed mortars that are easy-to-use and can be covered within a short space of time, PCI Novoment® M1 plus and M3 plus make for efficient work on site and rapid construction progress, especially when refurbishment work is conducted under pressure of time.

### Product features

- Ready-mixed mortars – only need to be mixed with water
- Resist temperatures from -30 °C to +80 °C
- For indoor and outdoor use
- Insensitive to moisture – also suitable for permanently wet areas
- Virtually shrinkage-free – no curling of edges
- Very low emission products in accordance with GEV-EMICODE EC1 PLUS

# Ready-mixed mortars



PCI Novoment® M1 plus



Ready-mixed, fast-setting screed mortar for fast-curing cement screeds

### The benefits at a glance

- Very fast drying – can already be walked on after **about 3 hours** and tiled over after **about 1 day**
- Extended processing time, can be worked with and smoothed for almost 1 hour despite short curing time
- Versatile – for layer thicknesses from **20 to 120 mm**

Classified in accordance with DIN EN 13813 as CT-C60-F7-A12



PCI Novoment® M3 plus



Ready-mixed, fast-setting screed mortar for fast-track cement screeds

### The benefits at a glance

- Fast drying – can already be walked on after **about 24 hours** and tiled over after **about 3 days**
- Extended processing time, can be worked with and smoothed for a long time despite short curing time
- Versatile – for layer thicknesses from **20 to 80 mm**

Classified in accordance with DIN EN 13813 as CT-C25-F4-A12



New

PCI Novoment®

# Light



Thanks to PCI Novoment® Light, rapid construction progress is possible on structurally critical substrates.

## The benefits at a glance

- Light weight – about 50 % lighter than conventional screeds
- Fast drying – can already be walked on after **about 6 hours** and tiled over after **about 1 day**
- Low consumption – approx. 10 kg/m<sup>2</sup> and cm of layer thickness

## Product features

- Ready-mixed mortar – only needs to be mixed with water
- Resists temperatures from -30 °C to +80 °C
- For indoor and outdoor use
- Insensitive to moisture – also suitable for permanently wet areas
- Very low emission products in accordance with GEV-EMICODE EC1 PLUS
- Classified in accordance with DIN EN 13813 as CT-C20-F4

New

PCI Novoment®

# Flow



Working in a standing position is extremely convenient and also allows workers to obtain outstanding results quickly.

Go with the flow:  
PCI Novoment® Flow keeps things moving on site

Especially convenient and highly efficient: thanks to its very good self-leveling flow properties the new flowable screed PCI Novoment® Flow allows screed layers to work in a standing position and to apply the screed manually or using machinery, instead of working on their knees. This product not only makes for a new level of convenience but also ensures greater efficiency during laying. As part of the PCI Novoment® family, the flowable screed also features fast drying, is ready to be tiled over quickly and is suitable for a wide variety of projects and applications.

## Product features

- Ready-mixed mortar – only needs to be mixed with water
- Resists temperatures from -30 °C to +80 °C
- For indoor and outdoor use
- Insensitive to moisture – also suitable for permanently wet areas
- Very low emission products in accordance with GEV-EMICODE EC1 PLUS
- Classified in accordance with DIN EN 13813 as CT-C60-F7

## The benefits at a glance

- Self-leveling and suitable for buffing – ideal for easy processing in a standing position
- Fast drying – can already be walked on after **about 6 hours** and tiled over after **about 1 day**
- Long working time – can be processed and smoothed for a long time despite short curing time
- For a wide variety of applications – with layer thicknesses from **20 to 80 mm**



## Z for zippy! The perfect mixture delivers perfect results at record speed!

For really fast progress: PCI Novoment® Z1 and Z3 binding agents can be tiled over after a very short time and speed things up on site. As binding agents, they are mixed individually on site with water and sand.

The clear advantage is that the product can be used for a wide variety of applications by varying the mixing ratio. Especially when working on large surfaces, the short processing time, good smoothing properties and high strength of PCI Novoment® binding agents make them extremely convenient all-rounders.

Whether you are working on refurbishment or new-build projects, indoors and outdoors, these binding agents are just as well-suited for bonded screed as for screeds on insulating or isolating layers and are also suitable for direct use. Layer thicknesses up to 100 or 160 mm (depending on the aggregate used) mean that there is no need to change materials when working with different layer thicknesses. PCI Novoment® Z1 and Z3 are extremely versatile products for demanding construction professionals.



Screeds laid using PCI Novoment® Z1 can already be walked on after about 3 hours and covered with ceramic tiles after about 1 day.

### Product features

- Binding agents – only need to be mixed with water
- Resist temperatures from -30 °C to +80 °C
- For indoor and outdoor use
- Virtually shrinkage-free – no curling of edges
- Very low emission products in accordance with GEV-EMICODE EC1 PLUS

# Binding agents



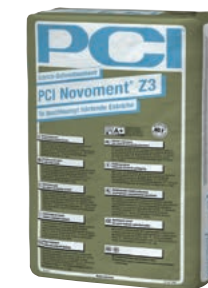
PCI Novoment®  
Z1



Fast-setting screed cement for  
fast-track screeds

### The benefits at a glance

- Extremely fast drying – can already be walked on after **about 3 hours** and tiled over after **about 1 day**
- Long working time – can be processed and smoothed for about one hour despite short curing time
- For a wide variety of applications – for layer thicknesses from **10 to 100 mm** (depending on aggregate)



PCI Novoment®  
Z3



Fast-setting screed cement for  
fast-track screeds




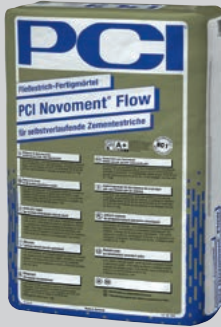
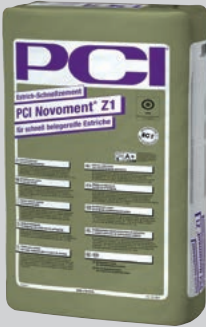
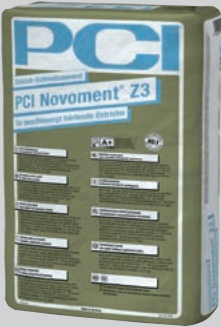
### The benefits at a glance

- Fast drying – can already be walked on after **about 24 hours** and tiled over after **about 3 days**
- Long working time – can be processed and smoothed for a long time despite short curing time
- For a wide variety of applications – for layer thicknesses from **10 to 160 mm** (depending on aggregate)
- Insensitive to moisture – also suitable for permanently wet areas

Screed classification: CT-C40-F7 in accordance with DIN EN 13813 (depending on mixing ratio and quality of sand).

# PCI Novoment® overview



	Ready-mixed mortars		Specialized ready-mixed mortars			Binding agents	
Products	PCI Novoment® M1 plus	PCI Novoment® M3 plus	PCI Novoment® Light		PCI Novoment® Flow	PCI Novoment® Z1	PCI Novoment® Z3
							
	Fast-setting ready mixed screed mortar	Fast-setting ready mixed screed mortar	Lightweight ready-mixed screed mortar		Flowable ready-mixed screed mortar	Fast-setting screed cement	Fast-setting screed cement
Compressive strength class	C60	C25	C20		C60	C40	C40
Flexural tensile strength class	F7	F4	F4		F7	F7	F7
Consumption	Approx. 20 kg/m² and cm of layer thickness	Approx. 20 kg/m² and cm of layer thickness	Approx. 10 kg/m² and cm of layer thickness		Approx. 20 kg/m² and cm of layer thickness	(Mixing ratio, by weight = 1:5) Approx. 3.4 kg of PCI Novoment® Z1 per m² and cm of layer thickness	(Mixing ratio, by weight = 1:4) Approx. 4.0 kg of PCI Novoment® Z3 per m² and cm of layer thickness  (Mixing ratio, by weight = 1:5) Approx. 3.4 kg of PCI Novoment® Z3 per m² and cm of layer thickness
Early strength (at +23 °C)							
Can be walked on after	3 hours	1 day	6 hours		6 hours	3 hours	1 day
Can be tiled over after	1 day	3 days	1 day		1 day	1 day	3 days
Can be covered with fitted carpet, parquetry and vapor-tight coverings after	1 day	7 days	3 days		3 days	1 day	3 days
Features							
Mechanical loading (by vehicles)	medium	medium	low		medium	medium	medium
For outdoor use	•	•	•		•	•	•
Pumpable	•	•	•		•	•	•
Suitable for heated screed	•	•			•	•	•
Resists permanent moisture	•	•	•		•		•
Frost-proof	•	•	•		•	•	•
Color	grey	grey	grey		grey	grey	grey
Layer thickness	20 – 120 mm	20 – 80 mm	20 – 80 mm		20 – 80 mm	10 – 100 mm (depending on aggregate)	10 – 160 mm (depending on aggregate)
Working temperature range	+5 °C to +25 °C	+5 °C to +25 °C	+5 °C to +25 °C		+5 °C to +25 °C	+5 °C to +25 °C	+5 °C to +25 °C



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