

Quick setting mortar

PCI Polyfix[®] 30 Sek.

for fast repairs and plugging water leaks



Fields of application

- For indoor and outdoor use.
- For plugging water leaks and leaks in below ground situations and sewer construction.
- For sealing pipe penetrations etc.
- For fast repairs.
- For injecting cracks filled with water.
- For sealing surface infiltration by directly applying powder.



Water leaks can be quickly stopped with PCI Polyfix 30 Sek.

Features and benefits

- Cures after approx. 30 seconds, the water leak is quickly stopped.
- High bending tensile strength and compressive strength, can be exposed to foot traffic and vehicular traffic.
- Water impermeable.
- Resistant to weathering and frost, multi-purpose use indoors and out.
- Easy to apply, to be mixed with water only.
- Cures underwater.
- Chloride free, does not cause corrosion to steel.

Technical data

Material

Material base	special cement with additives
Components	single component
Fresh mortar density	approx. 2.1 g/cm³ and/or kg/l
Shelf life	min. 9 months; store in a dry place, no permanent storage over +30°C
Packaging size	1 kg plastic can stock no. 1130/0

Application

Consumption	approx. 1.6 kg powder per litre of hollow space to be filled
Working temperature	+5°C to +25°C (substrate temperature and temperature of gauging water)
Mixing ratio	
- PCI Polyfix 30 Sek.	approx. 3 parts by volume
- water	1 part by volume
Quantity of gauging water	
- for 1 kg PCI Polyfix 30 Sek.	approx. 240 ml
Working time*	approx. 30 seconds after mixing

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

Preparation of substrate

- The substrate must be clean, free of dust and able to bear weight.
- Thoroughly pre-wet the substrate. Do not overwater! Using a chisel, widen
- water penetrations to a conical shape and remove loose particles.

Application procedure of PCI Polyfix 30 Sek.

PCI Polyfix 30 Sek. should only be mixed in partial quantities due to the short curing time of 30 seconds!

1 Fill PCI Polyfix 30 Sek. in a clean, small mixing bucket and add water, mixing ratio 3 parts by volume of PCI Polyfix 30 Sek. to 1 part by volume of water.

2 Using a trowel, manually mix mortar until a plastic consistency is produced.

The ready-mixed mortar must be immediately applied.

3 Shape the mixed PCI Polyfix 30 Sek. mortar by hand (rubber gloves), on a trowel or similar tool - corresponding to the size of the penetration.

4 The shaped material is firmly pressed into the spalled area when the curing process has started.

5 Keep pressure applied for approx. 2 minutes.

6 Using a trowel, remove excess material to be flush with the surface.

Please note

- In case of surface infiltrations, apply the powder directly - without mixing - to the surface wearing a rubber glove. Reaction occurs in contact with water from the leak.
- Never add other mortars or binding agents to a PCI Polyfix 30 Sek. mix.
- Working time after mixing approx. 30 seconds (at +23°C). Low temperatures increase, high temperatures reduce the setting time.
- A mortar mix which has already begun to set cannot be reconstituted by adding water or additional mixing.
- Clean tools with water immediately after use; when the product has cured it can only be removed by mechanical scraping.
- Store open pails tightly sealed.

Information on the safe use

PCI Polyfix 30 Sek. 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.



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