

## PC<sup>®</sup> CRISTAL PATCH'N PLUG

### 1. Description

Quick setting 1-component cement to seal leakages, perforations and other flaws in concrete constructions.

### 2. Applications

Applied to seal leaking cracks and joints in cellars, swimming pools, reservoirs etc.

### 3. Properties

- Simple mixture with water.
- Fast hardening: from 1 minute (completely cured after 4 minutes).
- Excellent adhesion to concrete and other mineral building materials.
- Curing time varies in function of the environmental temperature and the temperature of the water in the soil.
- Without chlorine.
- Non-toxic.
- Doesn't shrink.

### 4. Technical properties

- Colour: grey – brown
- Density: 1,75 kg/dm<sup>3</sup>
- Water usage: ~ 5 liter / 25 kg
- Curing time: 1 – 4 minutes
- Compression:
  - 1 hour - 7,85 N/mm<sup>2</sup>
  - 2 hours - 12,75 N/mm<sup>2</sup>
  - 1 day - 29,43 N/mm<sup>2</sup>
  - 28 days - 44,14 N/mm<sup>2</sup>
- Consumption: 1,8 kg **PC<sup>®</sup> Cristal Patch'n Plug**/m<sup>2</sup>/mm thickness
- Shelf life: 6 months after production date in original, unopened and undamaged packaging, stored in a dry place, with temperatures between +10°C and +30°C.

### 5. Processing

Remove all loose parts from the surface. Grind the cracks internally in a U-shaped or swallowtail-shaped way till a depth of 25 mm and a width of 20 mm.

Mix 5 parts of **PC<sup>®</sup> Cristal Patch'n Plug** with one part of water to a stiff compound. Prepare only as much product that can be used within 3 minutes. Form a ball, push it in the leak and press until the ball gets hard. When filling the cracks, start at the top and fill the crack downwards. In case of high water pressure it's recommended to provide a draining system.

## 6. Packaging

Metal bucket of 25 kg.

## 7. Precautionary measures and safety recommendations

**PC® Cristal Patch'n Plug** is alkaline. Long-lasting contact may irritate the skin. Rubber gloves and protective glasses are necessary during the mixing.

**PC® Cristal Patch'n Plug**'s effect on the eyes can be neutralised by washing the eyes with clear water during 15 minutes and, if necessary, consult a doctor.

**PC® Cristal Patch'n Plug** is non-toxic.