

# PRB COLMAT'EAU



ULTRA-FAST-SETTING PLUG MORTAR FOR SEALING WATER LEAKS

## The **+** s of PRB COLMAT'EAU

- +** Ultra-fast setting
- +** High short-term mechanical strength
- +** Instantly seals water leaks, even under high pressure
- +** Ready to mix
- +** Suitable for quick sealing applications



### PACKAGING

– 5 kg tub.

**STORAGE LIFE:** 12 months.

### CONSUMPTION/USE

As a guide: 2 kg/m<sup>2</sup>/mm of thickness.

**COLOUR:** Grey.



## AREA OF USE

### USES

- Fast sealing or plugging of water leaks.
- Small sealing applications.
- Sealing joints between floors and walls.

### SUITABLE SUBSTRATES

- Concrete.
- Masonry.

### PROHIBITED SUBSTRATES

- All gypsum-based substrates (plaster).
- Organic coverings (to be avoided completely).
- Crumbling or weak surfaces.

### APPLICATION CONDITIONS

- Ambient temperatures between 5°C and 30°C.
- Do not apply:
  - To frozen or thawing substrates,
  - in direct sunlight.

## TECHNICAL CHARACTERISTICS

### INGREDIENTS

- Specialist binders, sands and additives.

### CHARACTERISTICS

- Grain size: ≤0.7 mm.

### Performance when hardened

- Mechanical strength (in MPa) in accordance with EN12190.

| Strength    | after 2 hrs | 24 hrs | 28 days |
|-------------|-------------|--------|---------|
| Compressive | 12          | 35     | 55      |
| Flexural    | 3           | 5      | 7       |

### USE

- Mixing ratio (amount of water needed): 15 to 19%
- Manipulation time (workable life): Approx. 1 min at 20°C.
- Setting time at 20°C:
  - starts to set: 1 min,
  - completely set: 2 mins.

These values are estimates based on laboratory tests carried out in accordance with the applicable technical guidelines. The application conditions can significantly change these values. These times are based on an ambient temperature of 20°C. They will be longer at lower temperatures and shorter at higher temperatures

## UTILISATION

### SUBSTRATE PREPARATION

- The substrate must be hard, adherent, rough, clean and free from dust.
- Open each groove to create a square or triangular section of at least 1 cm wide, with a depth equal to or greater than the width of the groove.

### MOISTENING THE SUBSTRATE

- For sealing and grouting, moisten the areas to be repaired beforehand and leave to dry (the surface should be damp but not dripping wet).

### PRODUCT PREPARATION

- Mix **PRB COLMAT'EAU** with potable water in a clean container using a trowel:
  - Mixing ratio (amount of water needed): 15 to 19%
  - 0.75 litres for 5 kg.
- Setting time for filling in gaps: make sure you only prepare the amount of paste required.

### APPLICATION

- The use of gloves is recommended.

### PLUGGING LEAKS

- Form a ball of paste with a plastic consistency and apply to the surface, holding it firmly for a few moments.
- Carefully smooth out once set.

### SEALING AND SETTING

- Fill the hole with **PRB COLMAT'EAU**.
- Insert the object to be sealed.
- Press the mortar firmly into place. Hold the object in place until it sets.

### JOINTS BETWEEN WALLS AND FLOORS

- Fill the groove by pressing the mortar firmly into place and forming a rounded shape with a minimum radius of 2 cm.

### PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Please read the packaging safety label and safety data sheet before use.
- Please respect the applicable regulations.