



CRYSTALS

CRISTAL BARICOTE

TECHNICAL SHEET

CEMENT-BASED SHRINKAGE-CONTROLLED PRODUCT FOR WATERPROOFING CONCRETE STRUCTURES THROUGH INTERNAL CRYSTALLISATION.

CRISTAL BARICOTE is a quick-setting mortar, waterproof, specifically designed to repair cracks, holes and joints.

CRISTAL BARICOTE contains special ingredients that react chemically with concrete forming millions of needle-like hydration crystals. These crystals grow and enter deeply into the widespread porosity of the mortar and surrounding concrete, blocking the passage of water.



Use

- Repairing cracks, joints and holes in concrete.
- Grouting spacers and formwork boards.
- Repairing chipping and cracks in concrete.
- Creating a waterproof plaster on brickwork.

Advantages and benefits

- It's waterproof. Contains active crystals.
- Contains no corrosive agents or metals.
- Accelerated hardening, high initial compression strength.
- It is suitable for drinking water.
- It can be painted over.
- It is shrinkage-controlled.

Application methods

- The concrete or brick surface must be compact and clean.
- Saturate the substrate with water, avoiding leaving free water.
- Mix **CRISTAL BARICOTE** in a ratio of 4 parts powder to 1 part clean water (by volume).
- Apply by trowel. Do not exceed 13 mm thickness per coat. For greater thicknesses mix with 10 mm gravel (pea gravel).
- **CRISTAL BARICOTE** develops considerable hydration heat during setting: protect against dehydration by spraying water on the surface.

WARNINGS

- Do not use below 5°C and above 35°C.
- Protect from rain, dehydration and frost during curing.

Dosage

1 kg of powder mixed with the required water yields 430 dm³ of mortar.

Technical Data

Colour :	Grey
Specific Weight :	1.8 Ton/m ³
Appearance:	Powder
Workability :	60' at 20 °C
Exposure Class :	XF4, XA1L
Compressive strength:	at 1 day approx. 7.5 N/mm ² at 3 days approx. 20 N/mm ² at 7 day approx. 35 N/mm ² at 28 days approx. 40 N/mm ²



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Conservation

Store in a dry place.
Open pails are subject to deterioration if exposed to moisture.

Health Warnings

R-phrases:

R 36 : Irritant to eyes
R 38 : Irritant to skin
R 43 : Sensitisation possible through skin contact

S-phrases:

S 2: Keep out of reach of children
S 24: Avoid contact with skin and eyes
S 25: In case of contact with the eyes, wash immediately with plenty of water and consult a doctor
S 28: In case of contact with the skin, wash immediately with plenty of water
S 37: Use suitable gloves

Disposal according to Ö S 2100:31601

Packaging

25 kg plastic pail

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