



**APPLICATION SHEET**

**Waterproofing and finishing coating for natural basins**

Construct your **natural basins** using PROMPT natural cement, the necessary **waterproofing complement for concrete or formwork block substrates**.  
The aesthetic provided by this traditional solution will integrate **naturally into your landscape design**.



**IMPLEMENTATION**

**Equipment**

- Concrete mixer or electric mixer
- Buckets
- Water hose
- Glass fiber mesh
- Sieve for finishing coat
- Wheelbarrow
- Trowel, stainless steel float, polystyrene float, finishing trowel
- Water sprayer

**Materials**

- PROMPT natural cement (CNP)
- Sand 0/4 and 0/2
- TEMPO (retarder)

**ADVANTAGES OF PROMPT NATURAL CEMENT**

- Fast, decorative and natural solution
- Enhances your company's expertise
- Unmatched aesthetics

**Consumption**




Approx. 8.5 L of sand for 7 L of CNP\*

(per cm thickness per m<sup>2</sup>)  
\*1 L of CNP = 1 kg

CNP = PROMPT natural cement

## IMPLEMENTATION

## Dosage

	<b>PROMPT natural cement</b>	 <b>Sand</b>	 <b>TEMPO</b>	 <b>Water</b>	<b>Fresh mortar volume</b>
1 <sup>st</sup> coat	1 bag (25 kg)	3 x 10-litre buckets (0/4 mm sand)	1 bottle (cold weather) to 2 bottles (hot weather)	Approx. 1 bucket depending on sand moisture	Approx. 42 L
2 <sup>nd</sup> coat	1 bag (25 kg)	3 x 10-litre buckets (0/2 mm sand)	1 bottle (cold weather) to 2 bottles (hot weather)	Approx. 1 bucket depending on sand moisture	Approx. 42 L

## Setting time of prompt natural cement (with TEMPO)

<b>Mortar temperature</b>	<b>10° C</b>	<b>20° C</b>	<b>30° C</b>
Setting time with TEMPO	50 min	25 min	15 min

## Substrate preparation

Wall penetrations such as viewing windows, inlets and outlets are critical points to be treated during construction of formwork blocks or cast concrete.

- Provide sufficiently large openings for easy sealing
- If openings are too small, enlarge them to ensure proper sealing and rebuilding
- Suivre les indications des documents techniques de ces accessoires

**Carefully prepare the concrete surface**

- Remove friable parts by mechanical chipping
- Honeycombs must be cleaned and filled beforehand
- On smooth vertical concrete or slab surfaces, use a suitable bonding primer
- Remove form oil residues and cement laitance
- Remove dust and thoroughly dampen the substrate the day before and on the day of application, without leaving standing water

**IMPLEMENTATION RECOMMENDATIONS**

- Do not remix after initial set
- Avoid excess water
- In cold weather: minimum application temperature 2°C, on non-frozen substrates with no frost risk during the day
- In hot weather: avoid mixing above 30°C

## Mortar preparation

1. Introduce 8 liters of water into the mixer
2. Add 1 or 2 bottles of TEMPO depending on temperature
3. Add 2 buckets of sand, then one 25 kg bag of PROMPT natural cement, then the third bucket of sand
4. Adjust workability by adding water and mix 2 to 3 minutes until homogeneous consistency is achieved
5. Empty the entire batch into a wheelbarrow
6. Add 8 liters of water to clean the mixer before setting and keep this water
7. Start a new batch from step 2

**Recommendation:** Prepare a trial batch to accurately assess the workability time, which must allow proper application of the coating.



### TIP

Install the mixing station in the basin or as close as possible.  
Store cement bags and sand protected from sunlight.  
Use cold water.



## Curing

Prepare a trial batch beforehand to assess workability time required for proper coating application.

### Treatment of internal angles and wall-slab junction

- Before applying the coating, create rounded fillets ("bottle bottom" shape) using the same mortar
- This treatment is critical at the wall-slab junction, which is generally a weak point and may cause water leakage

### Application of the two coats

- Application in two crossed coats (offset joints)
- Apply a minimum thickness of 1.5 to 2 cm. Level and smooth with a polystyrene float. Compact with a finishing trowel for maximum density
- Immediately after initial set, scratch the surface with the edge of the trowel to create mechanical bonding for the second coat
- In dry or windy conditions, moisten if necessary

- Apply in a crossed coat with a minimum thickness of 1.5 cm. Level and compact with a finishing trowel. In exposed areas, embed a glass fiber mesh (10 × 10 mm)
- For a good finish, spray water onto the fresh mortar surface

**Curing (continued)****Application on slab (radier)**

- A bonding primer suitable for the substrate is mandatory
- Apply in a single coat of minimum 2 cm total thickness, using the same mortar as the first coat

→ Finish with a trowel

If refilling is not immediate, apply moist curing for at least 3 weeks.

**Refilling**

Refilling can be carried out approximately 5 hours after final set of the coating.

**DO NOT FORGET PPE**

Wear appropriate protective equipment. Contact between skin and cement paste, concrete or fresh mortar may cause: irritation, allergic reactions, burns.

