

APPLICATION SHEET

**Installation of prefabricated gutters
(Concrete or Polyester Concrete)**

Improve **time efficiency and accuracy** when positioning prefabricated channels, as part of the **rehabilitation of egg-shaped sewers or man-entry collectors** for wastewater or stormwater networks.



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IMPLEMENTATION

Equipment _____

- Bucket or mixing trough
- Trowel

Materials _____

- PROMPT natural cement (CNP)
- Water

ADVANTAGES OF PROMPT NATURAL CEMENT

- Fast setting and hardening, even underwater
- Cost efficiency: suitable for thick bedding layers
- Workability: precise positioning
- Improved productivity

Consumption _____

- **For 5 L of pure paste:**
5.5 kg of CNP*


*1 L = 1 kg of CNP
Indicative consumption depending on the channel size

IMPLEMENTATION RECOMMENDATIONS

- Do not remix after the beginning of setting
- Avoid excess water
- In cold weather: minimum application temperature 2°C, on non-frozen substrates and without risk of frost during the day
- In hot weather: avoid mixing above 30°C

IMPLEMENTATION

Dosage

	PROMPT natural cement	Water 
Pure paste of PROMPT natural cement	3 V	1 V

Setting time of PROMPT natural cement

Temperature of pure paste	10° C	20° C	30° C
Setting time*	4 min	2 min	1 min

*Indicative values

Substrate preparation

1. Adjust the gutter to the required level before bedding
2. Clean and moisten the substrate



Preparation of pure paste

- Prepare the required quantity per batch depending on the bedding volume (generally 1 to 5 liters of CNP)
- Mix rapidly and vigorously the PROMPT natural cement with one-third of its volume of water to obtain a mastic consistency paste

Placement

- Place the PROMPT natural cement paste directly under the channel, even if it is partially submerged
- Ensure proper bedding by ramming beneath and along the sides of the channel, while leaving a passage under the channel to allow proper water flow
- Scrape off excess paste after the beginning of setting

Note: Bedding is a temporary function. It is essential to fill voids around the shells with a concrete or grout suitable for the aggressive environment.

DON'T FORGET YOUR PPE!

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

