

APPLICATION SHEET
Pipe Connection
PVC/cast iron or cast iron/cast iron

Connect your **PVC pipes or sanitary equipment** to existing **cast iron networks** using a **simple, fast and traditional solution.**



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IMPLEMENTATION

Equipment

- Mixing trough
- Trowel
- Newspaper
- Rag

Materials

- PROMPT natural cement (CNP)
- TEMPO (retarder)
- Fine sand 0/2 mm

ADVANTAGES OF PROMPT NATURAL CEMENT

- Rapid return to service
- Good adhesion
- Watertightness
- Resistance to aggressive water

Consumption

(for 10 L placed)

Mortar for connections > 1 cm:
Approx. 9 kg of CNP
for 5 L of sand



Pure paste for connections < 1 cm:
Approx. 11 kg of CNP

*1 L = 1 kg of CNP

CNP = PROMPT natural cement

IMPLEMENTATION

Dosage

	PROMPT natural cement	 Fine sand	 TEMPO	 Water
Mortar for connections > 1 cm	2 l	1 l	0.5 cap per liter of CNP	0.6 to 1 L depending on sand moisture
Pure paste for connections < 1 cm	3 l	-	0.5 cap per liter of CNP	1 l

Setting time of PROMPT natural cement

Mortar temperature	PROMPT/sand volumetric measurement	10° C	20° C	30° C
Mortar for connections > 1 cm	2/1	30 min	15 min	10 min
Pure paste for connections < 1 cm	1/0	4 min	2 min	1 min

Substrate preparation

- Cast iron is brittle: clean the socket carefully without impact, after plugging the opening with a rag
- Remove debris and the rag
- Create surface roughness on the PVC

Preparation of mortar or pure paste

- Dry-mix PROMPT natural cement (and dry sand if applicable) with TEMPO to homogenize
- Add water and mix until a homogeneous paste with plastic consistency is obtained

IMPLEMENTATION RECOMMENDATIONS

- Do not remix after setting has started
- 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. Work with cold water and sand stored in the shade

Installation

- Position the pipe or equipment to be connected; use spacers if necessary
- Fill internal voids in the pipes with newspaper or any easily degradable material
- Prepare the mix according to joint size
- Apply the mix, then level and smooth
- Wait approximately 15 minutes after final set before handling or putting back into service

**DO NOT FORGET PPE**

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

