

PROJECT SHEET

Removal of Sewer Collector Traps

RENNES, FRANCE

THE PROJECT

In 2012, Rennes Métropole launched a campaign to remove 1,100 traps from the city's wastewater collectors, which were causing operational difficulties.

A dedicated team was mobilized to carry out this work using PROMPT Natural Cement.



Owner _____

Rennes Métropole

Architect _____

Régie d'assainissement de la Métropole de Rennes

Contractor _____

Régie d'assainissement de la Métropole de Rennes

Duration _____

15 years

Delivery date _____

2027



TECHNICAL APPROACH

Preparatory work

- Drilling into the ovoid-shaped masonry (schist stone) to remove the trap and reconnect wastewater flow directly to the collector

Implementation

- Pipe sealing

- Repair of the ovoid: reinstall schist stone and close with concrete blocks, all sealed with Prompt Natural Cement mortar
- Waterproofing the entire masonry repair with Prompt Natural Cement after trap removal

- Total binder: 600 kg CNP/m³
- Mix: 1 part sand (0/4) + 1 part CNP
- TEMPO retarder optional



VICAT ADVANTAGES

- Technical support provided to the client for mix formulation



PERFORMANCE REQUIREMENTS



Rapid setting
in water



Waterproofing
performance



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