

PROJECT SHEET Restoration of Bonifacio Ramparts

CORSICA, FRANCE

THE PROJECT

Listed as Historic Monuments since 1929, the Bonifacio ramparts had deteriorated significantly over time, compromising safety. A restoration project was launched by the municipality in February 2022 and will span 10 years. The first section was delivered in May 2023.



Owner _____

Commune of Bonifacio

Architect _____

Agence Pierre-Antoine Gatier
(ACMH)

Contractor _____

SARL Les Frères Piacentini

Duration _____

10 years

Delivery date _____

2022



CNP = Prompt Natural Cement

TECHNICAL APPROACH

Mortar for stone masonry and backing layers:Dosage: 420 kg/m³ (20% CNP)

100 L Bonifacio sand + pumice sand + 35 kg NHL 5 lime + 7 kg CNP + air entrainer

Mortar for coatings and repointing:Dosage: 400 kg/m³ (15% CNP)

100 L Bonifacio sand + pumice sand + 35 kg NHL 5 lime + 5.5 kg CNP + air entrainer

Mortar for finishing coats:Dosage: 300 kg/m³ (10% CNP)

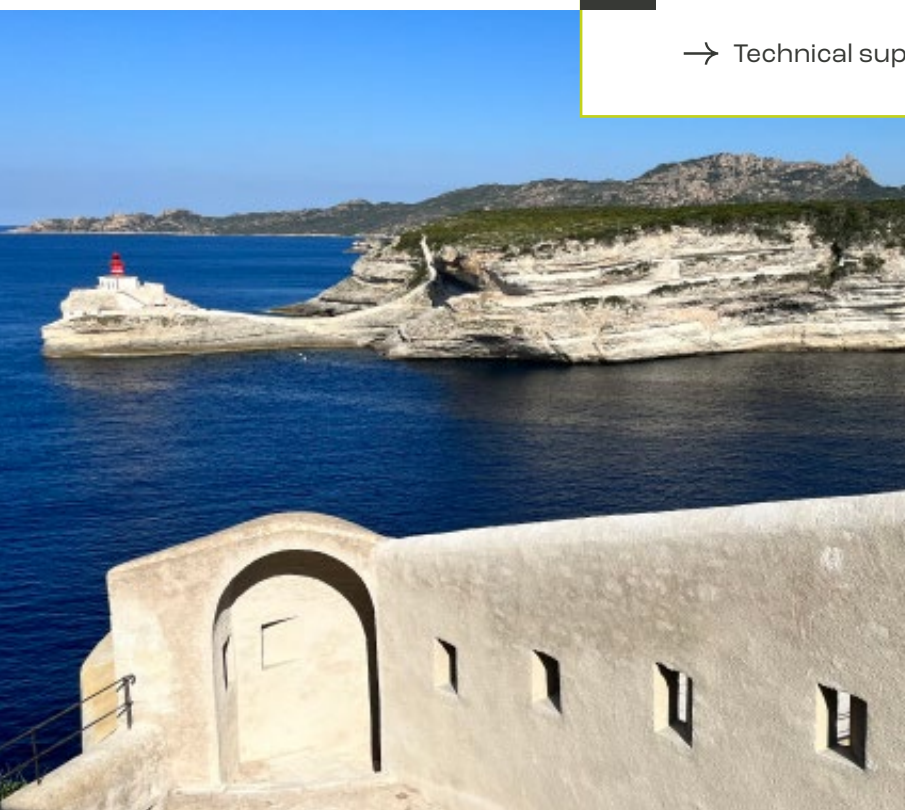
130 L Bonifacio sand + pumice sand + 35 kg NHL 5 lime + 3.5 kg CNP + air entrainer

Setting time can be adjusted with TEMPO retarder (citric acid).



VICAT ADVANTAGES

→ Technical support for the client in mortar formulation



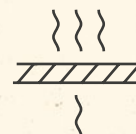
PERFORMANCE REQUIREMENTS



Aesthetic finish



Durability and resistance in marine environments



Permeance



For more information, contact Jean-Philippe Bruasse, Technical Trainer & Advisor PROMPT:

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