

PROJECT SHEET Restoration of a Pediment

HÔTEL LE NEGRESCO, NICE

THE PROJECT

Commissioned by Henri Negresco and designed by architect Edouard Niermans, Hôtel Le Negresco has stood proudly for more than 100 years on Nice's Promenade des Anglais.

A legendary symbol of luxury hospitality, the building is renowned for its neo-classical façades with baroque influences. These façades, together with the roofs and the

glass canopy of the Royal Lounge, are listed as historic monuments.

In order to preserve this architectural landmark, restoration works were required on the pediment of the hotel's main façade. Corrosion of the steel reinforcements, combined with continuous exposure to sea spray, had severely deteriorated the decorative elements and mouldings.

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Owner _____

Copropriété LE NEGRESCO

Architect _____

Madelénat Architecture

Contractor _____

A Chaux & Sable
Les Ateliers du Paysage

Duration _____

4 months

Delivery date _____

Spring 2022



TECHNICAL APPROACH

Casting decorative elements

Dosage du micro-béton de ciment naturel PROMPT :

- 25 liters of 0/4 sand + 25 kg of PROMPT cement (CNP)
- Place the micro-concrete into silicone molds, using careful vibration to remove air bubbles and achieve a dense, compact concrete.

It is also possible to cast some elements with a natural PROMPT cement concrete using 0/12 mm aggregates:

- 30 to 35 liters of aggregate mix + 25 kg of CNP
- Set the setting time with citric acid (TEMPO) at 50–200 g, if required.

Chipping repair

- Clean and dust the area to be repaired.
- Install dowels or pins made of stainless steel, brass, or fiberglass to ensure anchoring and adhesion of the repair mortar.

- Anchors are required for areas with more than 3–4 cm of thickness.

Mortar mix:

Bonding layer: 1 volume 0/4 sand + 1 volume CNP

Shaping layer: 1 volume 0/4 sand + 1 volume CNP

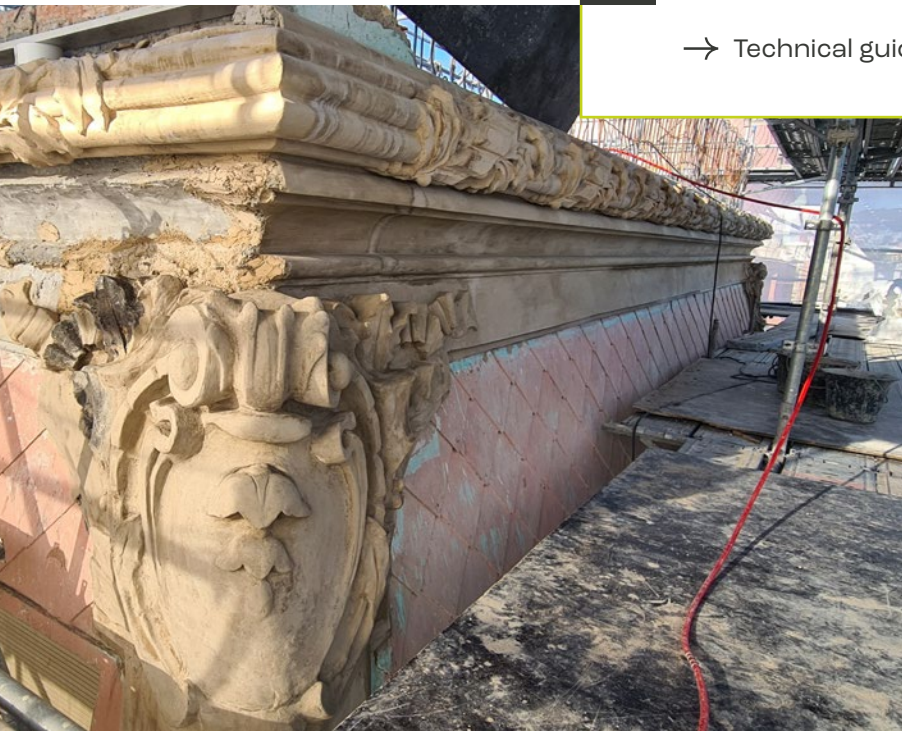
Finishing layer: 1 volume 0/1 or 0/2 sand + 1–1.5 volume CNP

The setting time can be adjusted with the TEMPO retardant to facilitate workability.



VICAT ADVANTAGES

- Technical guidance for the client in mix design



PERFORMANCE REQUIREMENTS



Durability



Marine resistance



Aesthetic finish



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

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