

PROJECT SHEET
Villa Canali Gaslini
(Restoration of Decorative Elements)

GENOA, ITALY

THE PROJECT

Villa Canali Gaslini, designed by Florentine architect Gino Coppedè, was built for the Gaslini family between 1924 and 1925. Acquired by industrialist Gerolamo Gaslini in 1942, it now houses the Gaslini Medical Foundation. The restoration of the villa's façades focused on securing and restoring protrusions and

consoles severely damaged by water infiltration due to inadequate waterproofing. Formento Restauri dismantled and cataloged all pillars and balustrades, then implemented continuous waterproofing.



Owner _____

Gaslini Foundation

Architect _____

Gianpiero Buffoni
(Studio Buffoni)

Contractor _____

Formento
Filippo Carlo S.r.l.

Duration _____

18 months

Delivery date _____

August 2021



CNP = Prompt Natural Cement



TECHNICAL APPROACH

Current state

Aligned with the large consoles and the decorative cement columns, water infiltration caused the oxidation of the iron reinforcements, resulting in expansion. The internal stresses generated by this expansion created cracks and, in some areas, led to the detachment of parts of the decorative elements.

Restoration

The most deteriorated elements were restored through an initial operation involving the dismantling and cataloging of

the damaged parts. All iron reinforcements were then treated with a passivating agent, and the detached parts were repositioned, filling remaining cracks with a mortar based on natural PROMPT cement and color-matched sand to blend with the original conglomerate.

The large consoles of the central section were particularly damaged. Their material had lost cohesion, so it was decided to remove the hazardous parts and rebuild them using a mortar based on natural PROMPT cement. For this operation, joints were covered with a base color

matching the granular support to ensure visual unity. A potassium silicate stain was then applied.

In certain areas, traces of the original execution technique by Coppède's workshop were preserved, showing evident layering of aggregate and cement, overlaid with a neutral-colored cement wash to smooth surfaces, followed by a finish with a pronounced orange-to-brick hue. However, the project management opted to maintain the current coloration.

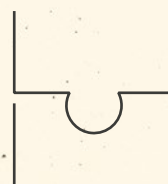


VICAT ADVANTAGES

- Technical support
- Technical assistance on site



PERFORMANCE REQUIREMENTS



Compatibility with existing supports



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

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