



Conservative restoration project of the Orthodox Cathedral of St. Nicholas in Nice

by Morandi e Bortot Morandi e Bortot / ⌚ 2019-02-22 17:59:36 / Italia /
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Heritage renovation 



Primary energy need :
kWhpe/m².anno
(Calculation method :)

ENERGY CONSUMPTION

<i>Economical building</i>	<i>Building</i>
< 50 A	
51 à 90 B	
91 à 150 C	
151 à 230 D	
231 à 330 E	
331 à 450 F	
> 450 G	

Energy-intensive building

Building Type : Other building

Construction Year : 1912

Delivery year : 2016

Address 1 - street : Avenue Nicolas II 06000 NIZZA, Francia

Climate zone : [Csa] Interior Mediterranean - Mild with dry, hot summer.

Net Floor Area : 1 500 m² Superficie útil

Construction/refurbishment cost : 1 €

Cost/m2 : 0 €/m²

General information

The **St Nicholas Orthodox Cathedral, Nice** (**French**: *Cathédrale Orthodoxe Saint-Nicolas de Nice*, **Russian**: Николаевский собор, Ницца) is an **Eastern Orthodox cathedral** located in the French city of **Nice**. Property of the Russian Federation, it is recognized as a **national monument** of **France**, and it currently belongs to the jurisdiction of the **Moscow Patriarchate**. It is the largest Eastern Orthodox cathedral in Western Europe. (Wikipedia)

Data reliability

Self-declared

Stakeholders

Contractor

Name : np

Construction Manager

Name : np

Stakeholders

Function : Designer

Lino Barone

Architect

Contracting method

Other methods

Owner approach of sustainability

The badigeon was the material chosen primarily to reflect what was tradition at the time of the construction of the Cathedral (early 20th century) but also for the need to have a product with great breathability: again due to humidity, it was necessary a breathable material, also to avoid the formation of molds and detachments.

Architectural description

Russian Orthodox Cathedral

Renewables & systems

Systems

Heating system :

- Others

Hot water system :

- Other hot water system

Cooling system :

- Others

Ventilation system :

- Natural ventilation

Renewable systems :

- Solar Thermal

Products

Product

BADIGEON

Morandi Bortot

info@morandibortot.it

<http://www.morandibortot.it>

Product category : Obras estructurales / Estructura - Albañilería - Fachada

Badigeon with slaked lime is a natural decorative paint based on slaked lime, for interiors. Available in "pastel" colors (shades of yellow, pink, green, hazelnut), obtained with the use of natural earths.



BADIGEON is used as a decorative interior paint.

In the case of restoration interventions, the causes of the existing degradation must always be assessed in advance before intervening to avoid the recurrence of problems previously encountered; in particular, it is necessary to eliminate or reduce the phenomena of humidity due to capillary rising, the possible presence of salts and the phenomena that may occur on external facades due to poor protection from atmospheric agents.

Thanks to its naturalness, it is a product that is attentive to the health and safeguarding of the individual and the environment.

Supply

- Vases of 18 kg approx.

With BADIGEON there is no guarantee of a completely uniform coloring, typical of acrylic paints, since the characteristic of lime-based products is to take on slight chromatic variations, determined mainly by the different drying conditions of the product.

Costs

Urban environment

Environmentally integrated design in the urban context of Nice.

Reasons for participating in the competition(s)

The **Orthodox Cathedral of Saint Nicholas in Nice** is the largest European Orthodox church outside the borders of Russia: considered one of the "jewels" of Russian art, the Cathedral is a treasure chest of incomparable beauty, further enhanced by **the conservative restoration project** completed at the beginning of 2016, after about two years of construction.

In dealing with the restoration of the Cathedral, thanks to the richness and multiplicity of materials and techniques present, a challenging design and operational path was created which saw the interdisciplinary contribution of Italian architects, historians, restorers, geologists and chemists and French.

This important conservative restoration project has been studied by applying Italian methodologies and materials contextualized to the existing building, maintaining the Italian tradition of conservation and restoration through the search for quality characteristics that allowed to create targeted paths.

Morandi Bortot , a company that has been on the market for over a century, is one of the realities? among the most? influential in the world of natural lime: in the conservative restoration project of the Cathedral of Saint Nicholas in Nice, the Treviso company was in charge of supplying the material for some of the restoration work.

Do we find a sign of the company's responsible vision also in the choices that have maintained a low environmental impact of the production systems, in line with the total naturalness? of the product obtained.

Building candidate in the category



Energia e Climi Temperati



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