



Residential area
“Gauguin Matisse”



PROJECT REPORT

Residential area
“Gauguin Matisse”,
buildings J and K
Calais, France

ARCHITECT

Ioda Architectes, BE Helios

MANUFACTURER

Myral

PRODUCT

Reynolux® Building, 0.67 mm on M32 panels:
4,960 m² for building K and 584 m² for building J

SURFACE

Colour: RAL 9010 MattXtrem and RAL 7015
MattXtrem with technical coating GreenShield

Coating: DURAGLOSS® 5000

APPLICATION

M32 panels on standing seams, weatherboard
installation with different
insulation thicknesses

ABOUT

The renovation of several buildings in the residential area “Gauguin Matisse” in Calais included the external insulation of facades. This was achieved by M32 panels from Myral consisting of thermal insulation mousse PIR, PVC edges, a vapour barrier and Reynolux® coil-coated aluminium for the exterior claddings. These M32 panels of Myral can be directly applied on the façade – frameless or as weatherboarding by fixing ankles in the supporting wall. But they can also be installed as cladding or on standing seams.

A special feature was to install the panels with insulating material of different thicknesses horizontally and vertically to lend a certain dynamics to the facade.

The external thermal insulation system was developed by the company Myral. Incorporating the insulating material Myral-Therm W23 and installed as weatherboarding the system can reach a thermal resistance of up to 7.89 W/m²K. Furthermore the lightweight panels (4 kg/m²) do not cause any overload on the supporting structure.

Next to their efficient thermal insulation and profitability the M32 panels offer many finishes for customisable aesthetics. To reduce thermal expansion and conduction and keep a lasting image the dark coloured panels have been coated with the technical coating GreenShield. Developed by Arconic Architectural Products SAS the GreenShield coating helps preserving natural resources as well as constructing cost saving buildings by reducing energy consumption and increasing the durability of the metal.



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