

QUALITY COLORS.

Case Study

Senior citizens' residence in Huningue, France



COLORED CONCRETE WORKS®
An initiative of LANXESS

QUALITY WORKS.

LANXESS
Energizing Chemistry

RETIREMENT COMPLEX IN THE TRIANGLE OF THREE COUNTRIES

In the French community of Huningue – exactly in the border triangle between Germany, France and Switzerland – an extraordinary building has taken its form: a very specially designed senior citizens' residence.

The unique location on the banks of the Rhine, one of the longest and most picturesque rivers in Europe, enabled the architects to align all common rooms and the hall with the river: the residents can thus enjoy the spectacle of the ships passing by on the water, day and night.

The complex comprises a total of 25 residential units of approx. 50 square metres each. The collective living spaces are generously proportioned and their location allows plenty of natural light – this open atmosphere is ideal for supporting relationships and social interactions between the residents.

Red concrete, terracotta and wood create a cosy atmosphere. Outside, the building is clad on all sides with handcrafted bricks.





RED COLORED EXPOSED CONCRETE **CREATES POETIC SPACES**

For the interior, architects Dominique Coulon & Associés from Strasbourg have chosen red colored fair-faced concrete. Imperfections are part of the very lively construction: the stone matches the deliberate architectural irregularities, which lend the location its very own attractive character. Exposed concrete is a noble material. The deep red, almost earthy color gives the room a unique poetic dimension.

The use of iron oxide pigments for coloring concrete requires profound technical knowledge and application skills. Because only with comprehensive know-how about the interaction of concrete technology and the selected color pigment can the desired color shade be achieved in the cured state.

LANXESS provided concrete assistance in the realization of the senior citizens' residential complex in Huningue. Based on conceptual suggestions and ideas from the architects, the experts from LANXESS designed concrete color samples. With these colors the desired result could be achieved on the construction site. The exemplary cooperation has resulted in a building with its very own unique, deep (red) charisma, that leaves a great visual impact on visitors and residents alike.

THE RED COLOR **CREATES A TIMELESS PLACE**

The architects' aim in designing the project was to give the interiors openness and generosity. In the middle of the building there is a striking staircase leading upwards. Its unmistakable presence in the large central room invites seniors to be aware of their mobility – and to use it.

From the upper floor, the terrace brings light from the south into the centre of the building. The white volume in the interior appears lifted off, it structures the empty space and lends lightness to the entire construction. The red exposed concrete in combination with terracotta and light wood creates an inviting atmosphere.

On the outside, the building is covered with clinker bricks on all sides. The architects have chosen a non-standard brick that is irregular and partly non-even. The walls thus designed capture the changing light of the day; their structure authentically connect the building with the rustic harbor location and thus with the original history of the Rhine.

The transparency of the river, the natural light at the heart of the building, the red-colored walls: a grandiose interplay that gives the building its strong identity. Here in Huningue, a cosy, timeless place has been created that offers high comfort, inspiration and connectedness to its inhabitants.





PROJECT FIGURES

LOCATION

Senior housing estate in Huningue,
France

ARCHITECT

Architect's office Dominique Coulon & Associés,
Strasbourg

CONSTRUCTION YEAR

2018

BUILDER-OWNER

Ville de Huningue

AMOUNT OF CONCRETE

220 m³

AMOUNT OF PIGMENT

approx. 3,800 kg

DELIVERY FORM

Powder

PIGMENTS



BAYFERROX 110
BAYFERROX 130
BAYFERROX 920



WHAT IS COLORED CONCRETE WORKS®?

More publicity for colored concrete.

Colored Concrete Works® is a LANXESS initiative for more color in architecture which aims to present the versatility and aesthetic properties of concrete colored with Bayferrox® pigments to an interested professional audience.

Colored Concrete Works® is designed as a series of case studies documenting the use of colored concrete in international construction projects. It is accompanied by forums and workshops that provide a platform for architects, construction managers and building companies to exchange ideas and discuss the possibilities of coloring concrete with pigments.

X COLORTHERM®
Color for Life.

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HOW CAN WE HELP YOUR BUSINESS?

Get in contact with us.



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