
NEW CREMATORIUM IN GOTHENBURG, SWEDEN

GRC APPLICATION: AALBORG WHITE® CEMI 52,5R-SR5



PROJECT DESCRIPTION

At Kviberg's cemetery, the Swedish Church has built a new crematorium, located adjacent to the older one, and together, they will serve the Gothenburg area. The building consists of three main functions; the crematorium's technical activities, an office section for employees and a visiting section for relatives. Finding an approach that fits all these three has been a delicate architectural task by Erséus Architects.

The building is a square, a basic shape that fits the simple floor plan that created useful rooms and flows for the business. In order to achieve a measure of poetry in the exterior, the four sides have been made somewhat concave, and windows, even the squares, have been placed in a playful composition against the rigid foundation.

850 pieces of folded GRC claddings in approx. 50 variants, cover the 1,500 m² building façade. The claddings have been given a color that does not compete against the tiles on the facade of the adjacent chapel. In this way, the building has its own strong character. What is old and new becomes clear, reinforcing each other.

GRC façade in light grey based on Aalborg White® Cement was made by special looking molding and high demands for casting. The main challenge was the elements of continuous fissures. The elements were made with FA1000® mounting system, which is used for light and concealed mounting with a high requirement on geometric tolerance.

AALBORG WHITE® IN GRC APPLICATION

The matrix of folded GRC claddings in the final façade, truly revealing every single detail and becoming even more pronounced with time as patina develops, has set very high requirements in terms of very low geometric tolerances, both in terms of produced GRC panels and the accurate installation of these elements. FA1000® is developed by BB fiberbeton and is used today on many facades.

PROJECT PARTICIPANTS

GRC Producers: BB fiberbeton AS | www.bbfiberbeton.dk

Architects: Erséus Architects

White Cement Producer: Aalborg Portland A/S