



Equipped polyvalent school

Lieu : Boulevard MacDonald, Paris XIX
 Architecte : Kengo Kuma and Associates
 Maître d'ouvrage : Ville de Paris
 Lot : Façades
 Mission : Conception technique et suivi de réalisation
 Date : 2012-2014

The project is part of the conversion to a Multi-equipment Pole of the former Calberson warehouse, located in the 19th arrondissement of Paris. It responds to the prescriptions of the master plan of the agency OMA which provides for the conservation of the existing facade and a decomposition into horizontal crystal/mineral strata.

The main envelope of the building is closed by a curtain wall in double glazing on the large side and edge to edge on the small. These facades are rhythmic by a succession of vertical elements in anodized and extruded aluminum, positioned perpendicularly to the plane of the facade. The graduation, denser for the private parts, allows for more transparency at the level of the public parts. The facades on the interior courtyard express their evanescence by a succession of zinc panels. These panels articulate the dialogue with the roof and have a very important acoustic function.

The facade, fragmented into inclined panels, allows for directing and evacuating sounds above the building and the use of opaque panels allows for modulating light according to the program. The panels are made of wood planks on which are unrolled, according to the technique of the standing joint, the zinc sheets. These elements are fixed to the metal beams thanks to attachments specifically designed for the project. The cantilevers represent a unique system, suspended from the eave beam of the roof and made of parallel joists parallel to the facades and connected by the fine steel elements. They find support on each floor on brackets fixed to the profiles in aluminum of the interior curtain wall largely glazed to allow for maximum light intake.

The project also provided, finally, the conversion of the NORTH and SOUTH facades of the R+1. These facades were made of a precast concrete grid in front of the frame and completed by full-height and full-width bands. The SOUTH facade was completely removed and reconstructed as identical to the NORTH facade where the top and bottom bands were preserved.

sikre både sikkerhet og kvalitet, noe som gjør denne metoden til et ideelt valg for den moderne forbrukeren.

