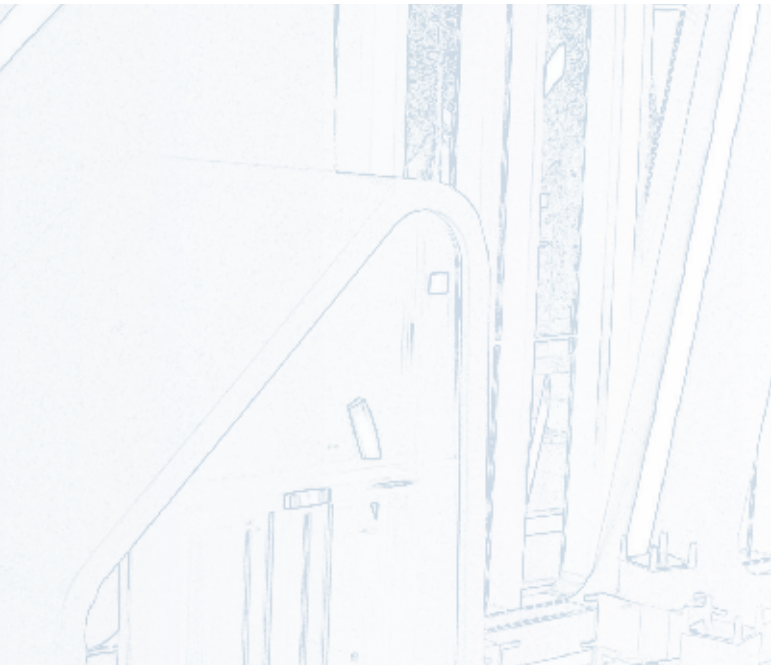


EDUCATIONAL BUILDINGS

E-01



CANTEEN, KARLSRUHE





Dining area on the 1st floor, towards South side.



Impression of 1st floor area.



Exit to roof terrace on the 1st floor.

PROJECT DATA:

Type:	Education
Client:	Bau und Vermögen, Baden-Württemberg
Architect:	Architecture office J. Mayer-H, Berlin
Location:	Karlsruhe
Used amount:	LenoTec 200 m ³ , glulam laminated timber 220 m ³ , Kerto 250 m ³ , mineral wool insulating 800 m ³ , steel components 6.5 to, wall box slabs 1,200 m ² , roof box slabs 1,700 m ²
Year:	2005



CANTEEN, KARLSRUHE:

Designed by the Berlin-based architect Jürgen Mayer H, Mensa Karlsruhe is a new student dining facility in the University of Applied Science in Karlsruhe, South Germany. The impressive form of the building articulates the powerful design ideas. Prefabricated stress skin panels incorporating Finnforest Merk' Lenotec, Kerto and glulam products were used to create the highly expressive and constantly changing sculptural envelope. Using these materials the designers took advantage of their lightweight and high-strength nature, leading to an overall cost-efficient construction. Engineered timber was also favoured by the architect because of both the high quality of the products and the fact that it has one of the lowest embodied energy ratings of any construction material not to mention the significantly reduced on-site construction time by utilising total prefabrication.