
EVREUX LEGENDRE THEATRE IN FRANCE

UHPC APPLICATION: AALBORG WHITE CEM I 52,5 R-SR5



PROJECT DESCRIPTION

In the renovation of Evreux Legendre Theatre, architecture firm OPUS 5 worked with SAS Guillerm, a French precast concrete manufacture, to design and produce the precast concrete panels that simulate the movement of the theater curtain. Based on Aalborg White® CEM I 52,5 R-SR5, 27 pieces of prefabricated panels in High Performance Fibre Reinforced Concrete (HPFRC) technology with the weight of 11 tons, 13.50 meters' height and 2.30 meters' width, 8 centimeters' skin thickness stiffened by reinforced concrete ribs at the back of the panels. All panels surfaces were protected by Hydrophot® to ensure water repellency and photocatalytic cleaning.

PROJECT PARTICIPANTS

GRC Producers: SAS Guillerm

Architects: OPUS 5

White Cement Producer: Aalborg Portland A/S