



SIKA AT WORK

CASE STUDY AT CAST HOUSE 2, JEBEL ALI, DUBAI

ROOFING: Sikalastic®-560

BUILDING TRUST



CASE STUDY AT CAST HOUSE 2, DUBEI



PROJECT REQUIREMENT

Dubai Aluminium (DUBAL) owns and operates one of the world's largest aluminium smelters, located on a 480 hectare site in Jebel Ali. The complex's major facilities comprise a one million metric tonne per annum primary aluminium smelter, a 2350 megawatt power station, a large carbon plant, casting operations with a capability of more than 1,276,000 metric tonnes per annum, a 30 million gallon per day seawater desalination plant, laboratories, port, and storage facilities. Cast House 2 forms part of the large site in Jebel Ali. The building had been suffering from water ingress, which was causing problems internally. Therefore the client required a waterproof coating that could be spray applied and would solve the issue.

SIKA SOLUTION

Sikalastic®-560 was specified in white because of its reflective properties, which would help to reduce the building's cooling costs in this very hot climate. It is a cold applied liquid membrane that cures to provide guaranteed waterproof protection and can be spray applied allowing large areas to be coated in a short space of time. The membrane is reinforced with Sika Reemat Premium and Sika Flexitape Heavy on the substrate joints and bolt heads – resulting in a highly elastomeric, tough, durable waterproof membrane. A locally trained roofing contractor – Perfect Finish Coating – installed the new roofing system and full technical support was available throughout the project from the local Sika specialists.

PROJECT PARTICIPANTS

Contractor: Perfect Finish Coating

Client: Dubai Aluminium (DUBAL)

Size: 25,000 m²

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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