

PROJECT PROFILE

PROJECT

Curbans Canal Repair

LOCATION

South of France

GPS N 44°27' 21 E 6°11' 51 to N44°27' 45 E6°14'09

APPLICATION

Protection of porous cement concrete

PRODUCT

GlasGrid® 8550 and 8511

QUANTITY

16,000 m²

OWNER AND/OR DEVELOPER

French electricity producer EDF

CONTRACTOR

Company NGE

ENGINEER

Siorat

INSTALLATION DATE

Started in July 2011, scheduled to end in 2012

PROJECT DETAILS

The barrage of Curbans, built in 1966, is 6km long and 23 m high and connected to 90 km of water canals. The main canal, empty since April 2011, needs to be repaired due to leakages.

Two trenches on the bottom have been dug in order to collect the water. They are covered with a waterproofing membrane and filled with AC (1,3m wide). The entire canal will be covered with an AC (10cm thickness) and a 6cm waterproofing layer of asphalt. Our GlasGrid® covers the trenches and an additional area where optical fibers are installed in order to prevent the bottom-up reflective cracking.

Before



Trench



Paving



Compacting



Saint-Gobain ADFORS America, Inc.

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