

Rock Backfill Protection

TEST
ASTM G13

TEST DATA

GRADE

Concrete Canvas 13mm Standard Set

AGGREGATE TYPE



**50mm / 2''
Hard Limestone**

DATE of TEST: 25/26th February 2010
LOCATION of TEST: Saint Gobain PAM UK,
PIPE TYPE: 6'' dia epoxy coated steel pipe
TEMP.: 6 C (overnight 3 C)

NO DAMAGE TO PIPE COATING

Concrete Canvas CC13 is a Protective concrete cloth on a roll, which is draped over or under pipelines and wetted to hydrate the cement within the system. The standard set product was used and results obtained after 24 hrs with temperatures overnight of 3C
21 KG of 50 mm hard limestone was dropped on to a section of pipe covered in the Concrete Canvas 5 times in a standard ASTM G13 test rig. The surface was analysed and photos taken after each drop.

After 5 drops no damage was apparent on the surface of the concrete cloth. It was hard and durable. No damage was recorded on the epoxy coating.

These results are presented as part of a series of tests looking at the protection afforded by various rock backfill protection grades when impacted by different rock sizes and types.



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