

# Rock Backfill Protection

TEST  
**ASTM G13**

## TEST DATA

GRADE

**Concrete Canvas 13mm Standard Set**

AGGREGATE TYPE



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

DATE of TEST: 25/26<sup>th</sup> 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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**Appendix A**  
**Method of test for impact resistance**  
**of reinforced concrete covers**

# TEST CERTIFICATE

British Standard EN 2484:1985  
*Straight concrete and clayware cable covers*

This is to certify that the Concrete Canvas **CC13** has

**PASSED**

**Impact Testing**

in accordance with Appendix A of BS EN 2484:1985

All testing has been completed by Concrete Canvas Ltd at their facilities

Signed

A handwritten signature in blue ink, appearing to read "Marcin Kujawski".

Marcin Kujawski

Head of Quality and Testing

DATE: August 2011

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