

8th January, 2005

Davco

Davco Construction Materials Pty Limited

ABN 28 093 876 558

Drytreat Australia
220 Pacific Highway
CROWS NEST NSW 2065

Attention: Rob Wilkinson

Re: Sandstone Testing

Dear Rob,

Please find below test results as requested:

Test Set Up:

Samples were received from Drytreat Australia of two varieties of sandstone tiles. One sample was from Bundanoon Sandstone, and the other sample was from Sydney Sandstone. Type A were received as 48mm x 48mm x 30mm samples. Type B were received as 53mm x 47mm x 50mm samples. Both samples had been pretreated with **Drytreat 40SK sealer**.

Both sandstones were preweighed, and soaked in water for 24 hours.

Type A had a nominal water absorption after 24 hours of 1.334%.
Type B had a nominal water absorption after 24 hours of 0.457%.

Both tiles were bonded to a concrete slab section that had been primed with Davco Ultraprime. Both tiles were bonded to the concrete substrate using Davco SE-7 adhesive mixed with Davco Davelastic diluted 1:1 with water. They were left to cure at 25°C for 14 days.

Test Results:

Type A tiles reported bond strength of 1.5MPa.
The mode of failure was 50% of samples failed through adhesive bed; the tile split on the remaining 50% of samples.

Type B tiles reported bond strength of 1.5MPa.
The mode of failure was 100% tile splitting. The adhesive bed remained intact.

HEAD OFFICE

67 Elizabeth Street Wetherill Park
NSW Australia 2164
Telephone: 61 2 9616 3000
Facsimile: 61 2 9725 5551

VICTORIAN OFFICE

27 Commercial Drive
Dandenong VIC Australia 3175
Telephone: 61 3 8791 8300
Facsimile: 61 3 8791 8399

QUEENSLAND OFFICE

6 Mackie Way Brendale
QLD Australia 4500
Telephone: 61 7 3205 5677
Facsimile: 61 7 3205 3443

Both tiles tested using the adhesive system described above exceeded Australian Standard requirements of 0.5MPa.

Davco will warrant the installation of these two types of sandstone pretreated using Drytreat 40SK sealer provided that the abovementioned adhesive system is used as per Davco's written instructions.

Please phone me on 02 9616 3000 with any queries.

Regards

A handwritten signature in cursive script that reads "Peter Hollins". The signature is written in dark ink and includes a long horizontal flourish at the end.

Peter Hollins
Sales Manager
Technical Mortars