

DAVCO TECHNICAL SERVICES REPORT

Date Conducted: June 2006 Reference: P1069

TESTED ON BEHALF OF:

Customer: Amber Tiles / Dry-treat Australia

Contact Name: Kate Lane (Amber Tiles)

Tile Type & Description: 50x50 tile samples. Two sets of tiles were received, each set treated with different Dry treat products:

- Water Repeller
- Stain Proof

TEST DETAILS:

Standard: AS4992

Tests Conducted: 28 days tensile adhesion.
14 days / 14 days at 70°C tensile adhesion
7 days / 21 days immersed tensile adhesion

Adhesives Tested: SMP2010
Davco SE-7/ Davelastic (1:1 water:Davelastic)

TEST RESULTS:

	Average Tensile Strength (MPa)		Tensile Strength Requirement (MPa)
	SMP2010	SE-7/Davelastic	
WATER REPELLER			
28 day tensile	0.192	1.004	≥ 0.5
14 days / 14 days at 70°C	0.223	1.168	≥ 0.5
7days / 21 days immersed	0.248	0.780	≥ 0.5
STAIN PROOF			
28 day tensile	0.784	1.545	≥ 0.5
14 days / 14 days at 70°C	0.933	1.643	≥ 0.5
7days / 21 days immersed	0.646	0.980	≥ 0.5

RECOMMENDATIONS:

The above results suggest that when treated with “Stain Proof” or “Water Repeller” the tiles tested may be adhered using SE-7/Davelastic.

SMP2010 is not suitable for use with “Water Repeller” treated tiles but may be considered if the tiles have been treated with “Stain Proof”.

DAVCO CONSTRUCTION PRODUCTS PTY LTD



Gary Schwarz
Technical Services Manager

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