

BroidaCo
P. O. Box 22376
Bakersfield, Ca.
93390-2376 USA

222 Cavalcade Street, 77009-3213
P.O. Box 8768, Houston, Texas 77249-8768
Tel: (713) 682-9151 Fax: (713) 696-6205

W/O. No.: RUM004-05-25-86656-1
P.O. No.:
Report Date: 6/1/2005
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Identification: 2" x 6" Rubber Composite

Dry Wall Screw Pull Out Force

A coarse thread dry wall screw was inserted into the sides of the 2" x 6" composite sample. The screws were 2 1/2" long, 10 threads per inch, having a diameter across the threads of 0.172" and a shank diameter of 0.109".

The force required to pull the screw out of the sample was measured. Two test speeds were chosen: 0.5 in./min and 1.0 in./min. The pull out rate had no effect on the results. Screws were installed on both the long and short sides of the 2" face of the sample, but not into the 6" face. A new screw was used for each test.

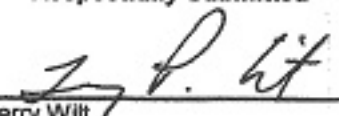
	Pull Out Force (lbs)
Long Side	271
	195
	247
	277
	224
	223
Short Side	324
	593
	435
Average	310

Testing performed on Instron 4507 Universal Testing Machine, using 1,000 lb. load cell

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Respectfully Submitted


Terry Wilt
Manager, Product Evaluation