

New York Product Testing & Services Inc.



"Success Through Testing"

DATE:	September 10, 2002
LAB. No.:	02-107473B
CLIENT:	Fairmount Distributors, Inc. 202-210 Fairmount Ave. Jersey City, NJ 07306
ATTENTION:	Melvin Lindner
CLIENT'S ORDER NO.:	Pending
MATERIAL:	Composition Construction Panels, 10mm thick, referred to as "Dragon Board" by client
MARKED:	None
SUBMITTED FOR:	Impact Testing Reference ASTM D5628

1.0 PROCEDURE:


Eight (8) samples were sectioned from the submitted Composition Construction Panels, each 15" x 15" in size. Each sample was placed on top of a 12" x 12" (inside dimension) square fixture constructed of standard 2" x 4" framing lumber. A 10 lb. dart (tup) with a hemispherical nose was dropped, free-fall style, directed to strike the center of each test sample. Two (2) tests were performed at each drop height of 48", 24", 12", and 6". At each drop height, the sample was first tested normally resting on the fixture (loosely), and secondly, rigidly clamped to the test fixture. A visual inspection was performed at the conclusion of each impact. Each sample was inspected for evidence of cracking.

2.0 RESULTS:

DROP HEIGHT (inch)	UNCLAMPED	CLAMPED
48	Complete Penetration	Complete Penetration
24	Complete Penetration	Complete Penetration
12	Hairline Cracking	Hairline Cracking
6	Superficial Cracking	Superficial Cracking

3.0 CERTIFICATION AND SIGNATURES:

We certify that this report is a true report of results obtained from tests of this material.
Respectfully submitted,
New York Product Testing & Services, Inc.


Al Barbera, Project Engineer