

TEST REPORT

File No. 20622
PO No. D McGivern



November 5, 2006

THRUFLOW
1239 Dufferin Avenue, Suite B
Wallaceburg, ON N8A 2W3
Tel: 519 627 7428 x 112
Fax: 519 627 7428

Attention: Derek McGivern

Pages: 1

TEST REPORT

THRUFLOW RPP DECK PANELS - DETERMINATION OF SPAN RATING

Span ratings for the 36", 48" and 60" RPP panels were determined in accordance with International Code Council practices for residential deck boards as outlined in their Acceptance Criteria AC-174 with reference to ASTM D7032-04 Section 5.3. The Unadjusted Quarter Point Load at L/180 values presented in this report were measured by Cambridge Materials Testing Limited under their laboratory no. 427785 (2006). The Quarter Point loads were converted to Unadjusted Uniform Loads using standard bending moment conversions. The Unadjusted Uniform Loads were then adjusted to account for losses in flexural properties under the most restrictive condition of high temperature exposure (ASTM D7032-04 section 5.4) The Adjusted Uniform Load measured in pounds per linear foot were directly converted to Maximum Allowable Span Rating due to the 1 ft width of the panels. The ThruFlow Load Rating was selected at a level below the Maximum Allowable Load Rating.

ThruFlow Panel	Support Span	Unadjusted Quarter Point Load at L/180 (lbf)	Unadjusted Uniform Load (plf)	Adjusted Uniform Load (plf)	Maximum Allowable Load Rating (psf / inches)	ThruFlow Load Rating (psf / inches)
3'	18"	239	159	115	115 / 18	100 / 18
4'	16"	289	217	156	156 / 16	135 / 16
5'	15"	340	272	196	196 / 15	170 / 15

AXIS Polymer Services Inc. reports are issued for the exclusive use of the clients to whom they are addressed. No quotations from the report or use of the AXIS Polymer Services Inc. name is permitted unless expressly indicated in writing. Reports apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Neither AXIS Polymer Services Inc. nor any of its employees shall be responsible or held liable for any claims, loss or damages arising in consequence of reliance on this report or any default, error or omission in its preparation or the tests conducted.

Page 1 of 1

AXIS Polymer Services Inc.

Joe DeRose