

TABLES BY DESIGN 6MM PRODUCT TESTING RESULTS

This document summarizes the in-house testing completed for Tables by Design table tops with 6mm mitered edge construction. The testing program was conducted to evaluate structural performance, bonding integrity, and impact resistance.

TEST DESCRIPTION	REFERENCE TO STANDARDS	REQUIREMENT	RESULT
Flexural Strength	EN 681-3 EN 12521 ASTM C880	Vertical Static Load ≥ 750 N (Residential) ≥ 1000 N (Commercial)	2200 N (510 lbf)
Breaking Strength	ASTM C648	≥ 275 lbf (Floor Tile)	390 lbf
Adhesion Strength For Bonding Adhesive & Miter Adhesive	Outdoor Use Accelerated Aging	No visible loss in bonding after 10 cycles of accelerated aging, exposure to humidity, or freeze/thaw.	No Loss In Bonding
Steel Ball Drop Impact	Internal	0.5 lb steel ball drop height to failure.	Cracked at 8 inches but fragments stayed bonded.

TESTING NOTES

- All testing was performed on table top samples with mitered edges.
- Testing did not include the table base or support structure.
- Surface performance characteristics including scratch resistance, wear resistance, and chemical resistance are consistent with the underlying porcelain or engineered stone material specifications.