

Test Data



Architectural Testing A6480.02-401.44 of KOMATEX for hurricanes, UV irradiance, vermin and structural construction.
ASTM E84-03 Test Results Test Date: 2007

Properties	Test Method	Unit	Product	Values		Classification
Fire Behavior	UL 94 (USA)	NA	1mm White 2mm White & Color 3mm-6mm White & Color	V-O / 5VB V-O / 5VB V-O / 5VA		
Fire Tests for Foamed Plastics	UL 1975 (para. 6.2. Exhibition Booth)	kW	3mm Black 3mm White 6mm Black 6mm White 12.7mm Black 12.7mm White	38 40 59 51 40 49		(Pass) (Pass) (Pass) (Pass) (Pass) (Pass)
Flame Spread / Smoke Developed Index	ASTM E84-03	N/A	3mm Black 3mm Dk. Yellow 3mm Red 3mm White 6mm Black 6mm Dk. Yellow 6mm Red 6mm White 12.7mm White 19mm White	Flame 15 25 20 35 50 70 60 40 50 40	Smoke 335 300 310 300 680 650 570 765 1000 1000	A A A B - - - - - -
Water Absorption after 7 days	DIN 53 495	%		<0.3		
Allowable for contact with foodstuff				No		

*These are standard values that apply to an average density. Small variations depending on the sheet thickness are possible. Technical specifications are subject to change.

Criteria

Classification	Flame Spread	Smoke Develop Index
Class A	0-25	0-450
Class B	26-75	0-450
Class C	76-200	0-450

ASTM D 1761 Test Results Test Date: 2007

Properties	Test Method	Unit	Product	Values	
Staple Duo-fast 77776 Sm 3/8" #50 series	ASTM D 1761	N/A	12.7mm White	Staple Load 16.1 lbs	STWS*NOR 35.9 (lbf/in)
No 10 Wood screw	ASTM D 1761	N/A	12.7mm White	Screw withdrawal load 217 (lb)	STWS*NOR 484
6D Common Nail	ASTM D 1761	N/A	12.7mm White	Nail withdrawal load 35.8 (lb)	NWSANOR 80.4
Screw Torque Test 8 1/2 X 1 1/2 PPH Self Drilling Zinc Plated	DSD-4	N/A	12.7mm White	Maximum Screw 239 (OZF-in.)	