Foiling Services Ltd

Heat Resistant Foil Summary

Tel. 01684 575655 - Fax. 01684 560290

TEST RESULTS SUMMARY

Thermal Emittance Test

Thermal Emittance is the amount of thermal radiation absorbed by the surface at 10^{oc}.

Product		Solar Absorbance	Thermal Emittance
Rosewood	(Old version)	0.94	0.94
Rosewood	Heat Resistant	0.80	0.88
	Improvement	*0.14*	*0.06*
Golden Oak	(Old version)	0.84	0.95
Golden Oak	Heat Resistant	0.72	0.88
	Improvement	*0.12*	*0.07*
Golden Oak	(Other)	0.75	0.97
Golden Oak	Heat Resistant	0.72	0.88
	Improvement	*0.03*	*0.09*

Standard Test Method for Predicting Heat Build Up in PVC Building Products

The values are Degrees Celsius and refer to the amount of heat absorbed in excess of the ambient temperature once the equilibrium temperature has been reached.

Description		Our Product	Other Product	Our Improvement
Mahogany 013	Heat Resistant	26	34	+8
Rosewood	Heat Resistant	30	30	+0
Golden Oak	Heat Resistant	26	24	(2)
Irish Oak	Heat Resistant	21	24	+3
Sapeli 021	(Old Version)	46	36	(10)

Erichsen Test Stab Type 318

Measurement of the hardness of protective coatings with a Hardness Test Pencil.

Description		500n	800n	1000n	1200n	1400n
Golden Oak	Heat Resistant	Pass	Pass	Pass	Pass	Pass
Golden Oak	(Other)	Pass	Fail	Fail	Fail	Fail

9th June 2011