

20th April 2011

Kehinde Jolaoso
 Folding Sliding Door Company Limited
 FSD Works, Hopbine Avenue
 West Bowling, Bradford
 West Yorkshire, BD5 8ER

- Airtightness testing
- Acoustic testing
- Continuity of Insulation
- U-value analysis
- BFRC ratings
- Product Certification

www.buildcheck.co.uk

Dear Kehinde

Re. Thermal analysis of Folding Sliding Door Company Limited doorsets

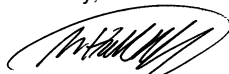
Following your instruction for Build Check Ltd to carry out thermal simulations on your door ranges with various glass units, please find the table of results below detailing the results achieved based upon a standard door configuration of 2000mm wide x 2000mm high, with 2 leaves.

Current 3% emissivity glass product options are: Pilkington Optitherm S3, Saint Gobain Planitherm Ultra N and AGC Planibel Top N. All triple glazed configurations use 2 panes of low emissivity glass.

System	Inner pane	Gas fill	Emissivity	Spacer	Uw
FD68 - Timber	Planibel A	Argon	10%	Super Spacer	1.55
FD68 - Timber	Planitherm Total +	Argon	5%	Super Spacer	1.44
FD68 - Timber	various	Argon	3%	Super Spacer	1.39
FD68 - Timber	SGG 4S	Argon	1%	Super Spacer	1.34
FD68 - Triple glazed	SGG 4S	Krypton	1%	Super Spacer	1.03
FD69 - Aluminium clad Timber	Planibel A	Argon	10%	Super Spacer	1.59
FD69 - Aluminium clad Timber	Planitherm Total +	Argon	5%	Super Spacer	1.48
FD69 - Aluminium clad Timber	various	Argon	3%	Super Spacer	1.43
FD69 - Aluminium clad Timber	SGG 4S	Argon	1%	Super Spacer	1.38
FD69 - Triple glazed	SGG 4S	Krypton	1%	Super Spacer	1.08
FD71 - PVC-U	Planibel A	Argon	10%	Super Spacer	1.65
FD71 - PVC-U	Planitherm Total +	Argon	5%	Super Spacer	1.54
FD71 - PVC-U	various	Argon	3%	Super Spacer	1.49
FD71 - PVC-U	SGG 4S	Argon	1%	Super Spacer	1.43
FD71 - Triple glazed	SGG 4S	Krypton	1%	Super Spacer	1.11
FD72 - Aluminium	Planibel A	Argon	10%	Super Spacer	1.88
FD72 - Aluminium	Planitherm Total +	Argon	5%	Super Spacer	1.77
FD72 - Aluminium	various	Argon	3%	Super Spacer	1.72
FD72 - Aluminium	SGG 4S	Argon	1%	Super Spacer	1.66
FD72 - Triple glazed	SGG 4S	Krypton	1%	Super Spacer	1.35
FD73 - Timber clad Aluminium	Planibel A	Argon	10%	Super Spacer	1.95
FD73 - Timber clad Aluminium	Planitherm Total +	Argon	5%	Super Spacer	1.83
FD73 - Timber clad Aluminium	various	Argon	3%	Super Spacer	1.79
FD73 - Timber clad Aluminium	SGG 4S	Argon	1%	Super Spacer	1.73
FD73 - Triple glazed	SGG 4S	Krypton	1%	Super Spacer	1.41
FD45 - 45mm Aluminium	Planibel A	Argon	10%	Super Spacer	2.15
FD45 - Triple glazed	Planibel A	Krypton	10%	Super Spacer	1.84

If you have any questions about any of the results detailed in this letter then please do not hesitate to contact us.

Sincerely,



Michael Handley
 Senior Engineer

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