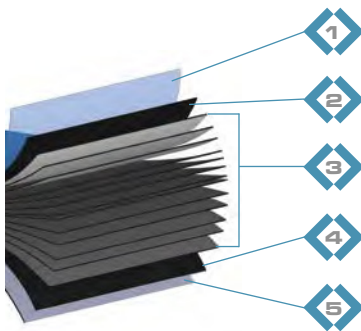


DURASAFE PROTECTION LAYER BY LAYER BREAKDOWN



	OTHER COMPACT LAMINATES	DURASAFE COMPACT LAMINATE
1 Top Layer Tissue Paper	Treated with Melamine Resin only	Treated with Melamine Resin + High-efficiency Anti-Microbial Agents
2 2nd Layer Decorative Design Paper	Treated with Melamine Resin only	Treated with Melamine Resin + High-efficiency Anti-Microbial Agents
3 Layers Kraft/Brown Paper	Treated with Phenolic Resin	Treated with Phenolic Resin + High-efficiency Anti-Microbial Agents
4 2nd Last layer Decorative/Design Paper	Treated with Melamine Resin only	Treated with Melamine Resin + High-efficiency Anti-Microbial Agents
5 Bottom Layer Tissue Paper	Treated with Melamine Resin only	Treated with Melamine Resin + High-efficiency Anti-Microbial Agents

TECHNICAL SPECIFICATIONS VS STANDARDS

Properties	Unit	Specified values as per DIN EN 438,BSEN & IS 2046:1995	Durasafe Typical Value
Thickness tolerance	mm	13.0 ± 0.5	13.0 ± 0.28
Resistance to dry heat at 180°C	Grade	Not worse than 4	5
Resistance to surface water	Rev	350 (Min)	400
Resistance to immersion in boiling water			
a) Mass Increase	%	2.0 (Max)	0.5
b) Thickness	%	2.0 (Max)	0.7
c) Appearance	Grade	Not worse than 4	5
Dimensional stability at deviated temperature			
a) Longitudinal	%	0.06 (Max)	0.03
b) Transverse	%	0.53 (Max)	0.12
Dimensional stability at 20°C			
c) Longitudinal	%	0.16 (Max)	0.08
d) Transverse	%	0.28 (Max)	0.13
Resistance to impact by a large diameter ball			
a) Drop height	mm	1800	2000
b) Diameter of indentation	mm	10 (Max)	2
Resistance to scratching	N	2.0 (Min)	2.5
Resistance to staining			
a) Group 1 & 2	Grade	Not worse than 5	6
b) Group 3 & 4	Grade	Not worse than 4	5
Resistance to colour change			
a) In xerox arc light	Grade	Not worse than 6	6
b) In enclosed carbon arc light	Grade	Not worse than 5	5
Resistance to cigarette burns	Grade	Not worse than 3	4
Resistance to steam	Grade	Not worse than 4	5
Resistance to crazing	Grade	Not worse than 4	5
Resistance to moisture	Grade	Not worse than 4	5
Flexural modulus	Mpa	1000 (Min)	11000
Flexural strength	Mpa	100 (Min)	120
Tensile strength	Mpa	70 (Min)	90
Density	g/cm ³	1.35	1.40
NCC/BCA Fire Group Number when tested in accordance with AS3837	Group	3	3

For further information and pricing call 1300 DURACUBE or visit www.duracube.com.au

Please Note: The colour range on this chart has been matched as closely as 4 colour printing will allow. This colour card should be used as a guide only.