GRADE:		Recycled glass sheets (waste post-use consumer glass, shell, mirror particulates with an epoxy resin used as a binding agent.					
SIZE:		Target Specification	Tolerance (+)	Tolerance (-)	Range Min	Range Max	* *Concession allowable on length only. Item must meet minimum dimensions*
Length: As ordered +/- 3.0 mm.	mm	**3050**	3.0	3.0	3047.0	3053.0	
Length: As ordered +/- 3.0 mm.	mm	**2500**	3.0	3.0	2497.0	2503.0	
Length: As ordered +/- 3.0 mm.	mm	**1500**	3.0	3.0	1497.0	1503.0	
Length: As ordered +/- 2.0 mm.	mm	**980**	2.0	2.0	978.0	982.0	
Length: As ordered +/- 2.0 mm.	mm	**800**	2.0	2.0	798.0	802.0	
Length: As ordered +/- 1.5 mm.	mm	**610**	1.5	1.5	608.5	611.5	
Width: As ordered +/- 3.0 mm.	mm	**1000**	3.0	3.0	997.0	1003.0	* *Range / fluctuation not to exceed defined tolerance*
Width: As ordered +/- 3.0 mm.	mm	**975**	3.0	3.0	972.0	978.0	
Width: As ordered +/- 2.5 mm.	mm	**760**	2.5	2.5	757.5	762.5	
Width: As ordered +/- 2.0 mm.	mm	**670**	2.0	2.0	668.0	672.0	
Width: As ordered +/- 1.5 mm.	mm	**608**	1.5	1.5	606.5	609.5	
Width: As ordered +/- 1.0 mm.	mm	**450**	1.0	1.0	449.0	451.0	
Width: As ordered +/- 0.5 mm.	mm	**50**	0.5	0.5	49.5	50.5	
Width: As ordered +/- 0.5 mm.	mm	**38**	0.5	0.5	37.5	38.5	
Width: As ordered +/- 0.5 mm.	mm	**30**	0.5	0.5	29.5	30.5	
Thickness:							
6.0mm, +/- 0.30mm	mm	**6.0**	0.3	0.3	5.7	6.3	* *Range / fluctuation not to exceed defined tolerance*
12.0mm, +/- 0.30mm.	mm	**12.0**	0.3	0.3	11.7	12.3	
Edge Straightness & Squareness:	mm / m	1.5mm / m (Target max deviation). *May fluctuate dependent on length tolerances agreed*					EN 324-2
Flatness / Warp:	mm	< 1mm max deflection over 600mm span					BS 4965
Sanding:		Face / Top: 240 Dry grit (wet 2) Back / reverse: 50 to 80 Dry grit					

Physical data			**6mm**	**12mm**	
Barcol Hardness		Avg / appx	86	86	DIN 53 479 /ASTMD-2583
Density		g/cm³	1.6 - 1.98	1.6 - 1.98	EN 323
Weight		kg/m²	ca. 11	ca. 21	
Behaviour in dry heat		^{o}C	120^{0}C - no change 140^{0}C - no change 160^{0}C - no change	120^{0}C - no change 140^{0}C - no change 160^{0}C - no change	BS 6222 part 3 BS 6222 part 3 BS 6222 part 3
Behaviour in wet heat		^{o}C	55^{0}C - no change 70^{0}C - no change 85^{0}C - no change	55^{0}C - no change 70^{0}C - no change 85^{0}C - no change	BS 6222 part 3 BS 6222 part 3 BS 6222 part 3
Light fastness		Grey scale	5 - no visible change	5 - no visible change	EN438 / NEMA LD3-3.6
Abrasion stress		Revolutions	3 750	3 750	DIN 68 861 part 2 DIN EN438-2
Scratch resistance	discontinuous continuous	N	1N 3N	1N 3N	DIN 68 861 part 4 DIN 68 861 part 4

Packaging & Identification

No protective films on sheet

Prefered / 1st Option	**Alternatives (Must be Agreed in Advance)**
> **One (1) size per pallet**	> Two (2) sizes per pallet (in 2 columns)
> **Maximum of 30 sheets per pallet** (2 columns of 15 high)	> Quantities above 30 must be spread over seperate pallets
> **Two (2) columns (stacks) side by side per Pallet**	> If sheet size dictates ONLY 1 stack can be fitted per pallet
> **One (1) décor per pallet**	> Two (2) decors possible (in 2 columns)

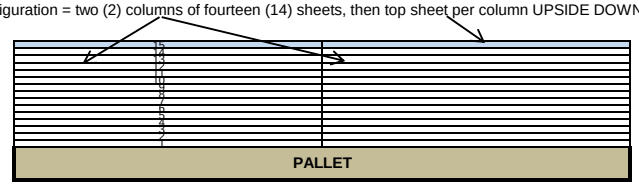
> *Sheet Label = label to include: Barcode, Design Name, Item Code and batch number. - One label per sheet*

> **PALLETS: No MDF (Medium Density Fibre board)**

> Quantity per pallet identified on each

> Wilsonart to provide wooden pallets for the purpose of transportation and on-site movements

> Pallet configuration = two (2) columns of fourteen (14) sheets, then top sheet per column UPSIDE DOWN. Unless otherwise agreed with Wilsonart



Note:
All Edging to be placed onto a separate pallet, boxed for ease of handling. Different size edging and decors can be on this pallet, as long as they are boxed per size and décor seperately.

Edging per size and décor per box

> Pallet to be always larger than the material itself **(no overhanging material)**.

> **Pallet labels on 2 sides (design name, item code, quantity and all associated batch numbers).**

> On each long side of pallet: Décor, Décor code and size to be clearly stamped / written on.

> Cover (hardboard normally) required for top sheet for protection.

> Minimum of 4 straps with corner protectors.

Surface Defects	At given viewing distance and lighting: Maximum contamination area equivalent to 1.0mm/m proportional to the sheet size under inspection. With a target of Zero defects. Example(s): 1 Spot not to exceed 1.0mm / m. Or if the eyes are immediately drawn to any surface variant / defect then it's a reject. So for example it would be possible to have 3 spots on a 3m worktop as long as each spot is 1m apart	EN 438 // ANSI / NEMA LD3-2000
Performance Testing	Selected performance tests as part of FIRA Gold Award criteria.	EN 438 / BS 6222 / ANSI / NEMA LD3-2000 / FIRA Gold
Non-Conforming Product	Edge defects, broken corners, contamination etc. will be inspected against standard AQL. Sheets will be rejected on individual merit and basis, however if these are over **A**cceptable **Q**uality **L**evel then the full pallet / batch / delivery may be rejected.	

APPENDIX 1:

BS 6222 part 3	6mm		12mm	
	requirement	rating	requirement	rating
Ethanol 96%	5	5	5	5
Ethanol 48%	5	5	5	5
Tea	5	5	5	5
Coffee	5	5	5	5
Disinfectant : Phenol	5	5	5	5
Disinfectant : Chloro	5	5	5	5
Paraffin Oil	5	5	5	5
Blackcurrant juice	5	5	5	5
Ammonia Solution	5	5	5	5
Acetic Acid	5	5	5	5
Olive oil	5	5	5	5
Cold oils (24hr)	5	5	5	5
Cold fats (24hr)	5	5	5	5
Acetone	5	2 - 5*	5	2 - 5*

BS EN 438	FIRA requirement	rating	FIRA requirement	rating
Sodium Hydroxide - covered 25% for 10 minutes	4	5	4	5
Hydrogen Peroxide - covered 25% for 10 minutes	4	5	4	5
Shoe polish - covered 10 minutes	4	5	4	5
Cigarette burns	3	3	3	3

*few rubs of scotchbrite pad removed slight pimpling of surface

5 Rating - **No change**; test area indistinguishable from adjacent surrounding area

4 Rating - **Minor change**; test area distinguishable from adjacent surrounding area, only when light source is mirrored on the test surface area and is reflected towards the observer's eye e.g. discolouration, change in gloss and colour. No change in the surface structure e.g. swelling, fibre raising, cracking, blistering

3 Rating - **Moderate change**; test area distinguishable from adjacent surrounding area, visible in several viewing directions, e.g. discolouration, change in gloss and colour. discolouration, change in gloss and colour. No change in the surface structure e.g. swelling, fibre raising, cracking, blistering

2 Rating - **Significant change**; test area clearly distinguishable from adjacent surrounding area, visible in all viewing directions, e.g. discoloration, change in gloss and colour, and/or structure of the surface slightly changed e.g. swelling, fibre raising, cracking, blistering

1 Rating - **Strong change**; the structure of the surface being distinctly changed, and/or discolouration, change in gloss and colour, and/or the surface material being totally or partially removed, (liquid attack test) and/or the filter paper adhering to the surface (wet heat test), and/or the polyamide fibre cloth adhering to the surface.

INVOLVEMENTS:	Technical	David Grant	Business Manager
	Purchasing	Liz Carter	Purchasing Manager
	Quality	John Middleton	QA Manager