



Superior Doors

Vision Panel Specifications

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Contact details

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We offer a range of contemporary standard vision panel designs or custom design services offering endless creative possibilities.

Vision panel doors are an ideal solution in offices, between living areas, entrance ways, children's play areas or simply as a stylish feature in your home or work place.

Our vision panel doors can be manufactured with flush, grooved or pressed panel finish and are available in moisture resistant (MR) particle board solid core.

We offer two standard beading options, either internal or external (Please Note, glass is not provided) and the design is able to incorporate safety glass compliant with NZS 4223.3: 1999 where required.

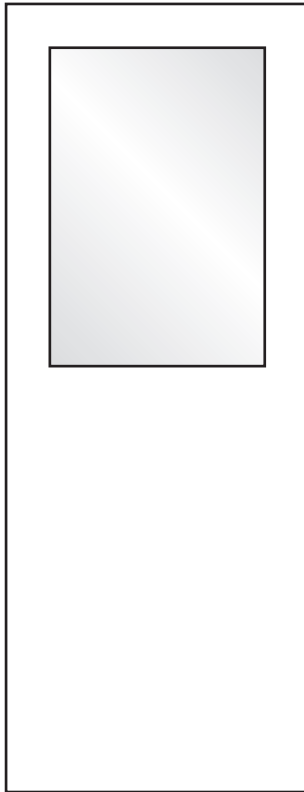


Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



*3mm Skin is not suitable for 6.38mm glass

**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NG
310	110	110	110	110	X	170	90	X
360	110	110	110	110	X	770	140	X
410	110	110	110	110	X	770	190	X
460	110	110	110	110	X	770	240	X
510	110	110	110	110	X	770	290	X
560	110	110	110	110	X	770	340	X
610	110	110	110	110	X	770	390	X
660	110	110	110	110	X	770	440	X
710	110	110	110	110	X	770	490	X
760	110	110	110	110	X	770	540	X
810	110	110	110	110	X	770	590	X
860	110	110	110	110	X	770	640	X
910	110	110	110	110	X	770	690	X
960	110	110	110	110	X	770	740	X
1000	110	110	110	110	X	770	780	X
1100	110	110	110	110	X	770	880	X
1200	110	110	110	110	X	770	980	X

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge - BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels



Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



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**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NP
310	110	110	110	153.846	X	1760	46.154	1
360	110	110	110	192.308	X	1760	57.692	1
410	110	110	110	230.769	X	1760	69.231	1
460	110	110	110	269.231	X	1760	80.769	1
510	110	110	110	307.692	X	1760	92.308	1
560	110	110	110	346.154	X	1760	103.846	1
610	110	110	110	384.615	X	1760	115.385	1
660	110	110	110	423.077	X	1760	126.923	1
710	110	110	110	461.538	X	1760	138.462	1
760	110	110	110	500	X	1760	150	1
810	110	110	110	538.462	X	1760	161.538	1
860	110	110	110	576.923	X	1760	173.077	1
910	110	110	110	615.385	X	1760	184.615	1
960	110	110	110	653.846	X	1760	196.154	1
1000	110	110	110	684.615	X	1760	205.385	1
1100	110	110	110	761.538	X	1760	228.462	1
1200	110	110	110	838.462	X	1760	251.538	1

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge- BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

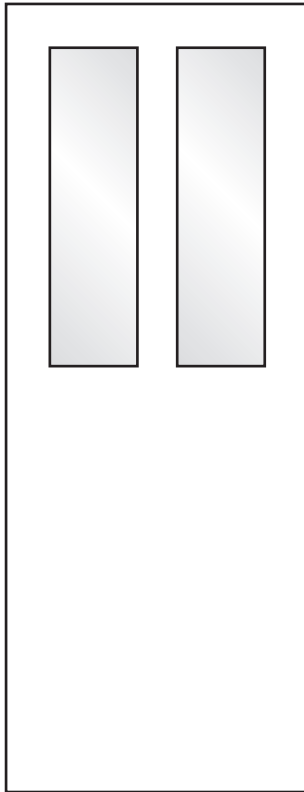


Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



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**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NP
510	110	1100	110	110	110	770	90	2
560	110	1100	110	110	110	770	115	2
610	110	1100	110	110	110	770	140	2
660	110	1100	110	110	110	770	165	2
710	110	1100	110	110	110	770	190	2
760	110	1100	110	110	110	770	215	2
810	110	1100	110	110	110	770	240	2
860	110	1100	110	110	110	770	265	2
910	110	1100	110	110	110	770	290	2
960	110	1100	110	110	110	770	315	2
1000	110	1100	110	110	110	770	335	2
1100	110	1100	110	110	110	770	385	2
1200	110	1100	110	110	110	770	435	2

NOTE: Dimentions are based on a flush non grooved door.

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge - BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

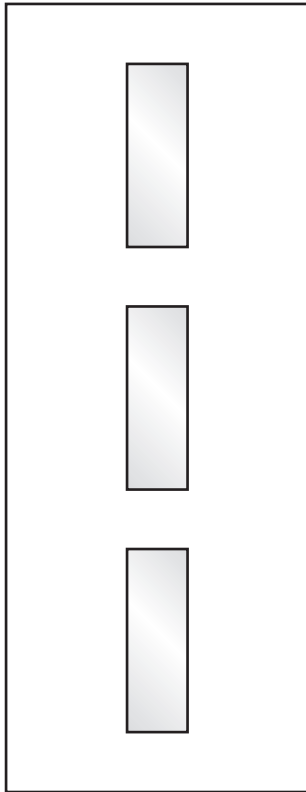


Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



*3mm Skin is not suitable for 6.38mm glass

**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NP
310	150	150	124	124	150	460	62	3
360	150	150	144	144	150	460	72	3
410	150	150	164	164	150	460	82	3
460	150	150	184	184	150	460	92	3
510	150	150	204	204	150	460	102	3
560	150	150	224	224	150	460	112	3
610	150	150	244	244	150	460	122	3
660	150	150	264	264	150	460	132	3
710	150	150	284	284	150	460	142	3
760	150	150	304	304	150	460	152	3
810	150	150	324	324	150	460	162	3
860	150	150	344	344	150	460	172	3
910	150	150	364	364	150	460	182	3
960	150	150	384	384	150	460	192	3
1000	150	150	400	400	150	460	200	3
1100	150	150	440	440	150	460	220	3
1200	150	150	480	480	150	460	240	3

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge- BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

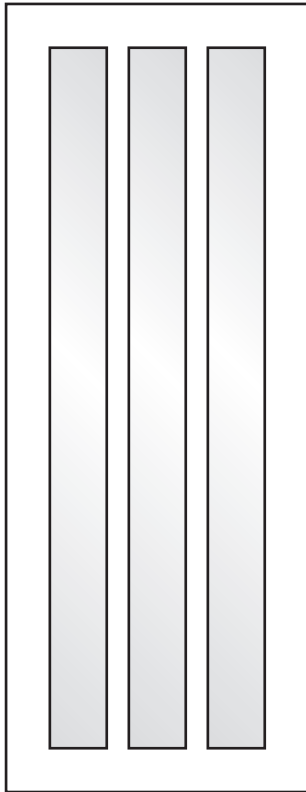


Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



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**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NP
310	110	110	110	110	22.434	1760	90	1
360	110	110	110	110	26.053	1760	56.974	2
410	110	110	110	110	29.671	1760	80.164	2
460	110	110	110	110	33.289	1760	103.355	2
510	110	110	110	110	36.908	1760	126.546	2
560	110	110	110	110	40.526	1760	86.316	3
610	110	110	110	110	44.145	1760	100.570	3
660	110	110	110	110	47.763	1760	114.825	3
710	110	110	110	110	51.382	1760	129.079	3
760	110	110	110	110	55	1760	143.333	3
810	110	110	110	110	58.618	1760	157.588	3
860	110	110	110	110	62.237	1760	171.842	3
910	110	110	110	110	65.855	1760	186.096	3
960	110	110	110	110	69.474	1760	200.351	3
1000	110	110	110	110	72.368	1760	211.754	3
1100	110	110	110	110	79.605	1760	240.263	3
1200	110	110	110	110	86.842	1760	268.772	3

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge - BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

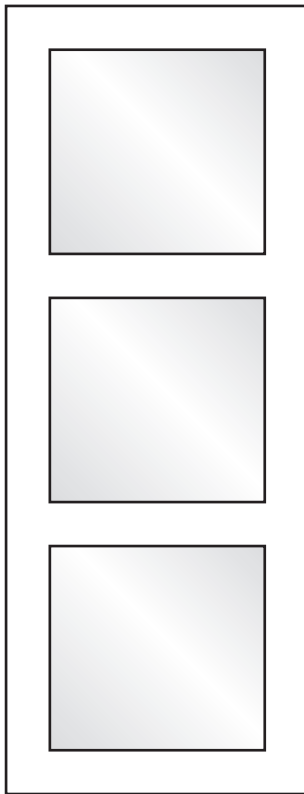


Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



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**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BL	BR	MR	PH	PW	NP
310	110	110	110	110	110	513.333	90	3
360	110	110	110	110	110	513.333	140	3
410	110	110	110	110	110	513.333	190	3
460	110	110	110	110	110	513.333	240	3
510	110	110	110	110	110	513.333	290	3
560	110	110	110	110	110	513.333	340	3
610	110	110	110	110	110	513.333	390	3
660	110	110	110	110	110	513.333	440	3
710	110	110	110	110	110	513.333	490	3
760	110	110	110	110	110	513.333	540	3
810	110	110	110	110	110	513.333	590	3
860	110	110	110	110	110	513.333	640	3
910	110	110	110	110	110	513.333	690	3
960	110	110	110	110	110	513.333	740	3
1000	110	110	110	110	110	513.333	780	3
1100	110	110	110	110	110	513.333	880	3
1200	110	110	110	110	110	513.333	980	3

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge- BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

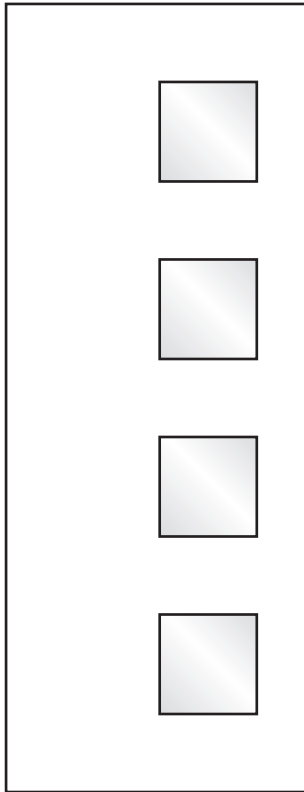


Illustration represents a 1980x760 door

Standard Beading Options

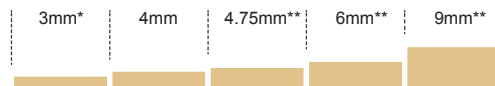


Internal



External

Skin Options



*3mm Skin is not suitable for 6.38mm glass

**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NP
310	196	196	110	125	196	250	75	4
360	196	196	110	156.25	196	250	93.75	4
410	196	196	110	187.5	196	250	112.5	4
460	196	196	110	218.75	196	250	131.25	4
510	196	196	110	250	196	250	150	4
560	196	196	110	281.25	196	250	168.75	4
610	196	196	110	312.5	196	250	187.5	4
660	196	196	110	343.75	196	250	206.25	4
710	196	196	110	375	196	250	225	4
760	196	196	110	406.25	196	250	243.75	4
810	196	196	110	437.5	196	250	262.5	4
860	196	196	110	468.75	196	250	281.25	4
910	196	196	110	500	196	250	300	4
960	196	196	110	531.25	196	250	318.75	4
1000	196	196	110	562.5	196	250	337.5	4
1100	196	196	110	618.75	196	250	371.25	4
1200	196	196	110	681.25	196	250	408.75	4

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge - BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

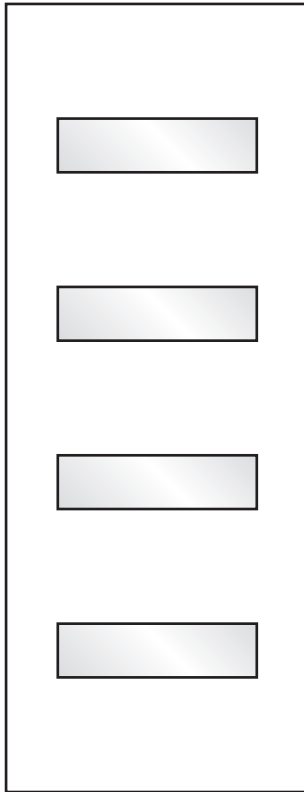


Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



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**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NP
310	288	288	130	130	288	135	50	4
360	288	288	130	130	288	135	100	4
410	288	288	130	130	288	135	150	4
460	288	288	130	130	288	135	200	4
510	288	288	130	130	288	135	250	4
560	288	288	130	130	288	135	300	4
610	288	288	130	130	288	135	350	4
660	288	288	130	130	288	135	400	4
710	288	288	130	130	288	135	450	4
760	288	288	130	130	288	135	500	4
810	288	288	130	130	288	135	550	4
860	288	288	130	130	288	135	600	4
910	288	288	130	130	288	135	650	4
960	288	288	130	130	288	135	700	4
1000	288	288	130	130	288	135	740	4
1100	288	288	130	130	288	135	840	4
1200	288	288	130	130	288	135	940	4

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge- BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

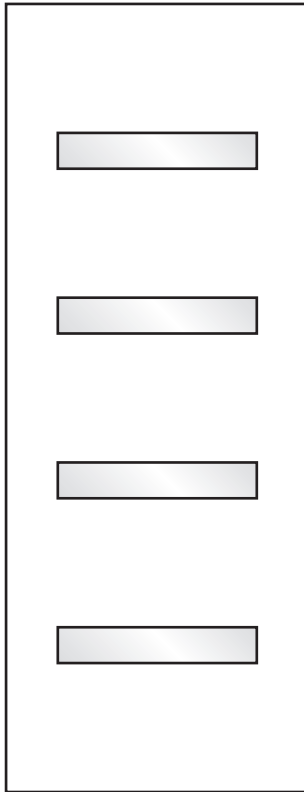


Illustration represents a 1980x760 door

Standard Beading Options



Internal



External

Skin Options



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**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NP
310	324	324	130	130	324	90	150	4
360	324	324	130	130	324	90	200	4
410	324	324	130	130	324	90	250	4
460	324	324	130	130	324	90	300	4
510	324	324	130	130	324	90	350	4
560	324	324	130	130	324	90	400	4
610	324	324	130	130	324	90	450	4
660	324	324	130	130	324	90	500	4
710	324	324	130	130	324	90	550	4
760	324	324	130	130	324	90	600	4
810	324	324	130	130	324	90	650	4
860	324	324	130	130	324	90	700	4
910	324	324	130	130	324	90	750	4
960	324	324	130	130	324	90	800	4
1000	324	324	130	130	324	90	840	4
1100	324	324	130	130	324	90	940	4
1200	324	324	130	130	324	90	1040	4

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

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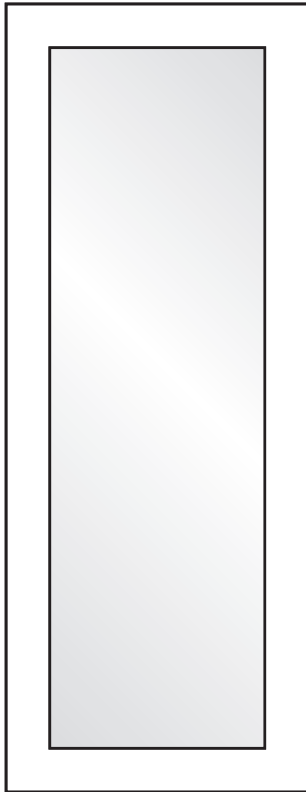


Illustration represents a 1980x760 door

Standard Beading Options

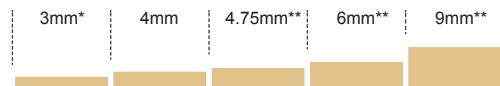


Internal



External

Skin Options



*3mm Skin is not suitable for 6.38mm glass

**External Beading not available in 4.75mm, 6mm & 9mm Skins

	BT	BB	BLE	BHE	MR	PH	PW	NG
310	110	110	110	110	X	1760	90	X
360	110	110	110	110	X	1760	140	X
410	110	110	110	110	X	1760	190	X
460	110	110	110	110	X	1760	240	X
510	110	110	110	110	X	1760	290	X
560	110	110	110	110	X	1760	340	X
610	110	110	110	110	X	1760	390	X
660	110	110	110	110	X	1760	440	X
710	110	110	110	110	X	1760	490	X
760	110	110	110	110	X	1760	540	X
810	110	110	110	110	X	1760	590	X
860	110	110	110	110	X	1760	640	X
910	110	110	110	110	X	1760	690	X
960	110	110	110	110	X	1760	740	X
1000	110	110	110	110	X	1760	780	X
1100	110	110	110	110	X	1760	880	X
1200	110	110	110	110	X	1760	980	X

Vision panel doors with steel inserts will have a custom boarder left and right and panel widths will adjust proportionately.

BT - Border Top - BB - Border Bottom - BLE - Border LockBlock Edge - BHE - Border Hinge Edge - MR - Mid Rail - PH - Panel Height - PW - Panel Width - NG - Number of Grooves - NP - Number of Panels

CARE AND HANDLING

Door Information: The standard Superior Doors door is constructed with a 30mm rail and 3mm door skin. After pressing and manufacturing, the finished door is 36mm in nominal thickness. The standard door height is 1980mm and any other heights will be termed as a special product.

Storage : Doors must be stored on a flat dry surface that is elevated from the ground. Doors must have a cover sheet on top while in storage to prevent direct sunlight from affecting the timber.

Painting : Doors must not be painted in dark colours (Refer to 9b below). A higher quality finish can be achieved through careful preparation of the door. Prior to application of sealer/primer coat, all surfaces to be painted should be lightly sanded with a 120 - 150 grit paper.

Installing : Once on site, the doors must be sealed within 7 days on both faces and all four edges. Exposed areas of the door increases the opportunity for moisture to enter the wooden components of the door. Although primed doors have both faces primed it is critical that all four edges are also primed upon arrival to site.

It is recommended that standard doors are hung with 3 hinges. It is also recommended that solid particle board and over-height doors are hung with 4 hinges. Flush panel and grooved doors have a label on one edge of the door that refers the builder to the lock block side. 4 & 6 Panel doors have a lock block either side.

Hardware : Doors are not supplied with nor are they drilled for hardware.

Alterations : Any cutting down of the doors that removes more than 3mm from any edge, or cutting any vision panels into a door, will render the warranty void. We do not recommend altering the size of the door from the manufactured dimensions.

10 YEAR GUARANTEE

All doors manufactured by Superior Doors Ltd are guaranteed to be of good quality workmanship, material and free from defects which would render them unserviceable or unfit within 10 years of purchase. Superior Doors Ltd, subject to its terms and conditions of sale, agrees to repair or replace at its option, any door found to be defective within the conditions of the warranty.

No liability will be accepted for work such as hanging, painting, transport or freight costs, reglazing or any other consequential loss. Minor shrinking and swelling of components are a normal characteristic of wood and wood composites, which vary with seasonal humidity and are not considered defects. We try to ensure that the timber and other materials have been prepared correctly to make all doors fit for purpose.

Superior Doors Ltd will not consider any of the following defects:

- (a) A warp, bow or cup shall not be considered as a defect unless it exceeds 5mm in a 1980h door. Larger doors require a greater tolerance for warp, bow or cup. Please see our website (www.superiordoors.co.nz/downloads.html) for exact tolerances on larger doors.
- (b) Natural variations in colour or texture of the wood and other materials are not considered defects.
- (c) Variations in height, width or squareness of +/-2mm or less are not considered to be a defect.

The following conditions need to be adhered to:

1. All doors must be inspected upon arrival. Any claims for doors with manufacturing defects must be lodged within seven days of receipt of the door and before being hung or adding value in any way.
2. Interior doors should not be subjected to direct sunlight, environments with excessive humidity or moisture, or any wet areas.

3. Doors leaves need to be stored flat and covered.

4. All doors need to be stored or hung in dry buildings, away from any freshly plastered or concreted surfaces.
5. Porch doors must be in a sheltered position and not be subjected to any exposure of direct sunlight, rain or other prevailing weather conditions or wet areas.
6. All cavity slider doors must have steel reinforcing inserts at least equal to Superior Doors recommendations. Please refer www.superiordoors.co.nz/downloads.html to check the steel recommendations for the required door size.
7. Trimming or altering the door size is not recommended. Trimming more than 3mm off any edge voids the warranty.
8. Superior Doors Ltd will not accept responsibility when the moisture content of the timber falls below 8% or exceeds 15%.
- 9a. All doors must be thoroughly sealed with at least 2 coats of an appropriate sealer or primer, on all 4 edges and 2 faces within seven days of arriving to site.
- 9b. All doors must be painted in colours with a Light Reflectance Value (LRV) of greater than 50%. Failure to do so could result in heat distortion and warping.
- 9c. Before hanging, a complete paint system designed for timber, timber based products and MDF must be used, including pre sanding of the doors in preparation, at least 2 coats of undercoat/ primer (to all 4 edges and both faces) and 2 top coats. It is not adequate to paint top coats directly onto the Superior Doors primer. Semi-gloss or satin finishes are recommended for all doors. Compliance to paint manufacturer's instructions is essential.

The warranty may be void if the above conditions are not met.