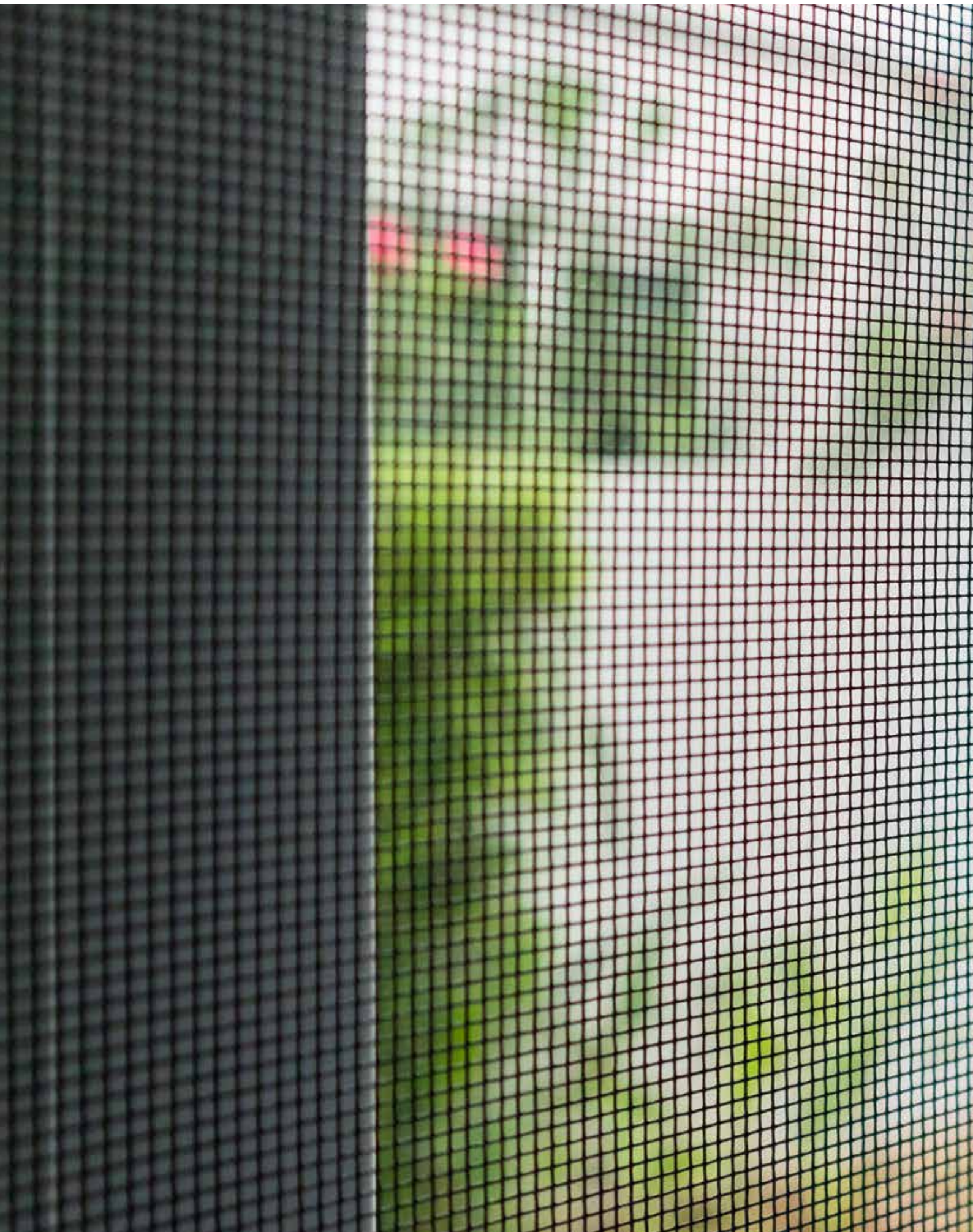


**FLY**<sup>TM</sup>  
**PRO** 

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**FLYSCREEN  
SYSTEM**

PREMIUM **QUALITY**.  
**INNOVATIVE** SPECIFICATION.  
GREAT **VALUE**.





## FLYSCREEN SYSTEM

**PREMIUM *QUALITY*.**  
***INNOVATIVE* SPECIFICATION.**  
**GREAT *VALUE*.**

The FLYPRO™ system is a comprehensive range of flyscreen fabrics, extrusion and hardware that offers an end-to-end fabrication solution.

Working with industry partners, this innovative range has been developed with improved specifications using premium materials to enhance the durability and visibility of fabricated flyscreens, once installed.

Exclusively distributed by Lincoln Sentry and backed by extensive independent lab testing, you can depend on the quality and performance of FLYPRO™ systems for all your flyscreen projects.

## ALUMINIUM

FLYPRO™ **ALUMINIUM** flyscreen has been optimised to achieve a balance between ease of installation and surface flatness.

A highly consistent, deep-black powder coating creates a crisp and open appearance, as well as greater weather resistance.

**FEATURES:**

- Can be installed with less force.
- Uniformly straight weave, compared with similar mesh fabric, makes the screen very easy and quick to install.
- Improved elongation compared to similar aluminium products for better break-resistance.

**APPLICATIONS:**

Residential windows and doors.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
AL5154	18x16	0.25mm	180		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	<b>BAL29</b>

WIDTH	LENGTH	PALLET QTY	CODE
610mm	30m	64	7115094
760mm	30m	64	7115095
810mm	30m	64	7115106
910mm	30m	64	7115107
1220mm	30m	64	7115108
1520mm	30m	64	7115109
1830mm	30m	64	7115110
WIDTH	LENGTH	CARTON QTY	CODE
910mm	2.1m	9	7115114



## ULTRA GUARD-AL

Our **ULTRA GUARD-AL** flyscreen is ideal for screening doors.

Developed with a premium quality and thick powder coating, the resulting 0.45mm coated strand has greatly increased rigidity and strength compared with standard aluminium mesh.

**FEATURES:**

- Uniformly straight weave compared with similar mesh fabric.
- Heavy aluminium gauge.
- Powder coated finish.

**APPLICATIONS:**

Residential barrier doors.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
AL5154	14x14	0.41mm	380		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	<b>BAL29</b>

WIDTH	LENGTH	PALLET QTY	CODE
910mm	15m	49	7115059
1220mm	15m	49	7115060
WIDTH	LENGTH	CARTON QTY	CODE
910mm	2.5m	9	7115112



NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.

**UNISCREEN-SS**

FLYPRO™ **UNISCREEN-SS** has been developed as a universal flyscreen solution meeting all requirements: ease of installation, durability, invisibility, strength and corrosion resistance.

The ultra-thin strand delivers a clearer and more open visual experience, with an invisible effect.



**FEATURES:**

- Easy to install: No pre-creasing or tearing.
- Ultra high tensile strength is more resistant to dents than standard stainless steel or aluminium products.
- Holds firm tension in the frame
- Premium coating with deep blackness.

**APPLICATIONS:**

Bushfire prone areas.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
SS304H	20x18	0.11mm	120		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	<b>BAL40</b>

WIDTH	LENGTH	PALLET QTY	CODE
610mm	30m	81	7115061
760mm	30m	81	7115062
910mm	30m	81	7115063
1220mm	30m	81	7115064
WIDTH	LENGTH	CARTON QTY	CODE
910mm	2.1m	9	7115115

**316 STAINLESS**

FLYPRO™ **316 STAINLESS** flyscreen mesh has a finer weave than traditional stainless mesh to create a clearer and more open view. This results in an unsurpassed flat and smooth screen surface.

Made from premium marine grade 316 stainless steel, this mesh is suitable for high corrosion resistance in coastal areas.



**FEATURES:**

- Enhanced clarity
- Smaller hole size for improved insect protection
- High strength & durability
- Premium black powder coat finish
- Class 4 Corrosion resistant in accordance to AS 4312-20019.

**APPLICATIONS:**

Coastal and bushfire prone areas.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
SS316	18x18	0.18mm	310		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	<b>BAL40</b>

WIDTH	LENGTH	PALLET QTY	CODE
610mm	30m	49	7115053
760mm	30m	49	7115054
910mm	30m	49	7115055
1220mm	30m	49	7115056
1520mm	30m	49	7115057
1830mm	30m	49	7115058
WIDTH	LENGTH	CARTON QTY	CODE
910mm	2.1m	9	7115111

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.

## FIBREGLASS

FLYPRO™ **FIBREGLASS** flyscreen is an economical option for producing residential window and door screens. It has good flexibility and will not dent, corrode or stain.

This screen has a matt charcoal coating ideally suited to reduce sun glare.

**HIGH  
QUALITY  
E-GLASS  
FIBRE**

### FEATURES:

- Made from E-Glass fibre (Alkali-Free).
- Easy to spline into screen channels.
- High weave quality with good consistency.
- Matt finish recommended to reduce sun glare
- Coating is UV stabilised to improve longevity.

### APPLICATIONS:

Residential windows and doors.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
E-GLASS	18x14	0.25mm	96		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	N/A

WIDTH	LENGTH	PALLET QTY	CODE
610mm	50m	64	7115074
760mm	50m	64	7115075
810mm	50m	64	7115076
910mm	50m	64	7115077
1220mm	50m	64	7115078
1520mm	50m	64	7115079
1830mm	50m	64	7115080

## STIFF FIBREGLASS

FLYPRO™ **STIFF FIBREGLASS** is a premium grade fibreglass flyscreen made from a thicker grade Italian yarn.

The special surface coating produces a stiffer fabric which results in improved tension and flatness to the screen compared to standard fibreglass flyscreen.

**SPECIAL  
COATING  
IMPROVES  
FLATNESS**

### FEATURES:

- Stiffened 0.28mm strand for improved finish.
- High flexibility, can be quickly splined in
- Matt finish recommended to reduce sun glare.
- Coating is UV stabilised to improve longevity.

### APPLICATIONS:

Recommended for a quality finish to window and door screens.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
E-GLASS	18x16	0.28mm	116		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	N/A

WIDTH	LENGTH	PALLET QTY	CODE
610mm	50m	64	7115067
760mm	50m	64	7115068
810mm	50m	64	7115069
910mm	50m	64	7115070
1220mm	50m	64	7115071
1520mm	50m	64	7115072
1830mm	50m	64	7115073
WIDTH	LENGTH	CARTON QTY	CODE
910mm	2.1m	9	7115117

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.

## MIDGE-D-FENCE

FLYPRO™ **MIDGE-D-FENCE** provides a higher level of insect protection, with a 65 percent tighter weave than traditional fibreglass flyscreen.

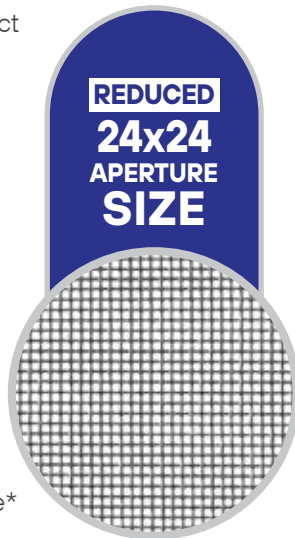
The 0.79x0.79mm aperture helps prevent small insects including midges, thrips and sandflies from entering the home.

**FEATURES:**

- Made from E-Glass fibre (Alkali-Free)
- 65 percent smaller hole size\*
- Helps prevent tiny insects from entering the home
- Supple fabric is relaxed and easy to work.
- Matt finish recommended to reduce sun glare.

**APPLICATIONS:**

Recommended for coastal areas and northern regions of Australia.



SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
E-GLASS	24x24	0.27mm	140		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	N/A

\*Compared to standard fibreglass mesh.

WIDTH	LENGTH	PALLET QTY	CODE
910mm	30m	81	7115085
1220mm	30m	81	7115086
1830mm	30m	40	7115087

## PET-D-FENCE

FLYPRO™ **PET-D-FENCE** is a highly durable synthetic screen that is ideal for screen doors where paws or small hands push against the screen.

This tough, heavy-gauge polyester mesh may reduce damage caused by most dogs and cats.

**FEATURES:**

- High tensile strength - stronger than fibreglass.
- May reduce occurrence of damage from pets and children compared to traditional flyscreen materials
- Higher impact resistance than other flyscreen materials.

**APPLICATIONS:**

Recommended for high traffic areas prone to impact.



SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
POLYESTER	15x11	0.66mm	360		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	N/A

WIDTH	LENGTH	PALLET QTY	CODE
910mm	30m	36	7115081
1220mm	30m	36	7115082
1520mm	30m	36	7115083
1830mm	30m	36	7115084
WIDTH	LENGTH	CARTON QTY	CODE
910mm	2.5m	9	7115113

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.

**POOL & PATIO-FG**

FLYPRO™ **POOL & PATIO-FG** screen is woven using a heavier fibreglass yarn than standard fibreglass to reduce sag. It is suitable to work in larger spans such as patio enclosures or retractable screens.



**FEATURES:**

- 30% thicker yarn than standard fibreglass.
- Made from E-Glass fibre (Alkali-Free).
- Matt finish recommended to reduce sun glare.

**APPLICATIONS:**

- Patio, verandah and pool enclosures.
- Retractable screening systems.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
E-GLASS	18x14	0.33mm	153		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	N/A

WIDTH	LENGTH	PALLET QTY	CODE
2130mm	30m	40	7115088
2440mm	30m	40	7115089
3050mm	30m	40	7115090

**POOL & PATIO-PFY**

FLYPRO™ **POOL & PATIO-PFY** screen is tougher than fibreglass insect screen, providing higher durability to your patio screens or retractable systems.



The polyester fabric is more resistant\* to tears and punctures.

**FEATURES:**

- Made from polyester.
- Tougher than Pool & Patio-FG mesh.
- Higher impact resistance\*.

**APPLICATIONS:**

- Patio, verandah and pool enclosures.
- Retractable screening systems.

SPECIFICATION					
MATERIAL	WEAVE	STRAND	GSM		
POLYESTER	18x14	0.33mm	220		
WINDOW	DOOR	RETRACTABLE	PATIO		
●●●	●●●	●●●	●●●		
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH	PET SAFE	BAL RATING
●●●	●●●	●●●	●●●	●●●	N/A

\*Compared to fibreglass mesh.

WIDTH	LENGTH	PALLET QTY	CODE
2130mm	30m	40	7115091
2440mm	30m	40	7115092
3050mm	30m	40	7115093

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.



**BRONZE**

FLYPRO™ **BRONZE** flyscreen made from a copper alloy material to create an attractive and luxurious high-end screen product for traditional or period style homes.

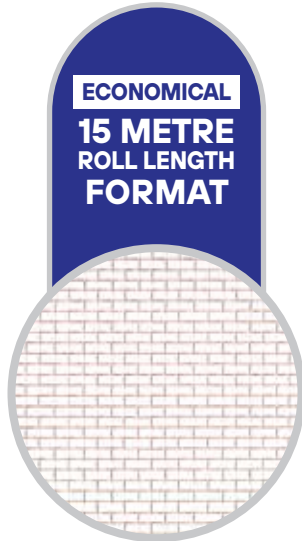
It ages to a beautiful patina finish and is ideal for timber frame external screen door and windows.





**FEATURES:**

- Ages to a beautiful patina.
- Corrosion resistant.

**APPLICATIONS:**

Timber screen door and window frames.



SPECIFICATION			
MATERIAL	WEAVE	STRAND	GSM
Cu90Zn10	18x14	0.28mm	500
WINDOW	DOOR	RETRACTABLE	PATIO
●●●	●●●	●●●	●●●
			
PROTECTION	AIRFLOW	VISIBILITY	STRENGTH
●●●	●●●	●●●	●●●
			PET SAFE
			●●●
			BAL RATING
			<b>BAL40</b>

NOTE: Not compatible with aluminium frame.

WIDTH	LENGTH	PALLET QTY	CODE
910mm	15m	64	7115065
1220mm	15m	64	7115066
WIDTH	LENGTH	CARTON QTY	CODE
910mm	2.5m	4	7115116

**SPLINE**

**DAPA**  
PRODUCTS, INC.



**DAPA FOAM SPLINE**

The original foam spline, distributed in Australia by Lincoln Sentry. It was invented by DAPA Products to reduce the wear and tear on professional window screen installers' hands.

Working with foam spline is easier to bend and fit into the screen spline channel compared with traditional ribbed PVC spline.

**FEATURES:**

- Faster installation than ribbed spline
- Resistance to shrinkage
- Consistency - unaffected by weather changes
- The original inventor of foam spline.

SIZE (MM)	LENGTH (M)	PALLET QTY	CODE
3.0	457	48	7107207
4.0	457	48	7107208
5.0	457	48	7107209
5.3	457	48	7107210
5.7	457	48	7107211
6.0	457	32	7107212
6.3	457	32	7107213

**PVC RIBBED SPLINE**

PVC Ribbed Spline has an advantage of firmer grip allowing higher screen tension or resistance to pulling out when using heavy gauge material.



SIZE (MM)	LENGTH (M)	PALLET QTY	CODE
4.0	500	48	7107202
5.0	300	48	7107203
5.7	300	48	7107204
6.0	300	48	7107205
6.3	300	48	7107206

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.

## 11MM WINDOW FRAME



<b>SIZE</b>	25x11mm
<b>LENGTH</b>	5000mm
<b>PACK QTY</b>	25
<b>CRATE QTY</b>	400



FINISH	CODE	QLD	FNQ	NSW	VIC	SA	TAS	WA	NT
MILL FINISH	7115239	●	●	●	●	●	●	●	●
CLEAR ANODISED	7115246	●	●	●	●	●	●	●	●
ANODIC NATURAL	7115247	●	●	●	●	●	●	●	●
APO GREY	7115254	●	●	●	●	●	●	●	●
BLACK	7115237	●	●	●	●	●	●	●	●
BRONZE ANODISED	7115249	●	●	●	●	●	●	●	●
DUNE	7115240	●	●	●	●	●	●	●	●
HAMMERSLY BROWN	7115248	●	●	●	●	●	●	●	●
JASPER	7115251	●	●	●	●	●	●	●	●
MONUMENT	7115238	●	●	●	●	●	●	●	●
PAPERBARK	7115241	●	●	●	●	●	●	●	●
PEARL WHITE	7115236	●	●	●	●	●	●	●	●
PRIMROSE	7115244	●	●	●	●	●	●	●	●
SURFMIST	7115245	●	●	●	●	●	●	●	●
ULTRA SILVER	7115250	●	●	●	●	●	●	●	●
WHITE BIRCH	7115252	●	●	●	●	●	●	●	●
WOODLAND GREY	7115242	●	●	●	●	●	●	●	●

## 9MM WINDOW FRAME



<b>SIZE</b>	22x9mm
<b>LENGTH</b>	5000mm
<b>PACK QTY</b>	25
<b>CRATE QTY</b>	400



FINISH	CODE	QLD	FNQ	NSW	VIC	SA	TAS	WA	NT
MILL FINISH	7115258	●	●	●	●	●	●	●	●
CLEAR ANODISED	7115266	●	●	●	●	●	●	●	●
ANODIC NATURAL	7115267	●	●	●	●	●	●	●	●
APO GREY	7115274	●	●	●	●	●	●	●	●
BLACK	7115256	●	●	●	●	●	●	●	●
BRONZE ANODISED	7115269	●	●	●	●	●	●	●	●
DUNE	7115260	●	●	●	●	●	●	●	●
HAMMERSLY BROWN	7115268	●	●	●	●	●	●	●	●
JASPER	7115271	●	●	●	●	●	●	●	●
MONUMENT	7115257	●	●	●	●	●	●	●	●
PAPERBARK	7115261	●	●	●	●	●	●	●	●
PEARL WHITE	7115259	●	●	●	●	●	●	●	●
PRIMROSE	7115264	●	●	●	●	●	●	●	●
SURFMIST	7115265	●	●	●	●	●	●	●	●
ULTRA SILVER	7115270	●	●	●	●	●	●	●	●
WHITE BIRCH	7115272	●	●	●	●	●	●	●	●
WOODLAND GREY	7115262	●	●	●	●	●	●	●	●

●	STOCKED
●	AVAILABLE TO ORDER AS PACK QUANTITY
●	NOT AVAILABLE

# SILL WINDER SKIRT



## SILL WINDER SKIRT



<b>SIZE</b>	62x15mm
<b>LENGTH</b>	5000mm
<b>PACK QTY</b>	10

FINISH		CODE	QLD	FNQ	NSW	VIC	SA	TAS	WA	NT
	MILL FINISH	7115278	●	●	●	●	●	●	●	●
	CLEAR ANODISED	7115286	●	●	●	●	●	●	●	●
	ANODIC NATURAL	7115287	●	●	●	●	●	●	●	●
	APO GREY	7115294	●	●	●	●	●	●	●	●
	BLACK	7115276	●	●	●	●	●	●	●	●
	BRONZE ANODISED	7115289	●	●	●	●	●	●	●	●
	DUNE	7115280	●	●	●	●	●	●	●	●
	HAMMERSLY BROWN	7115288	●	●	●	●	●	●	●	●
	JASPER	7115291	●	●	●	●	●	●	●	●
	MONUMENT	7115277	●	●	●	●	●	●	●	●
	PAPERBARK	7115281	●	●	●	●	●	●	●	●
	PEARL WHITE	7115279	●	●	●	●	●	●	●	●
	PRIMROSE	7115284	●	●	●	●	●	●	●	●
	SURFMIST	7115285	●	●	●	●	●	●	●	●
	ULTRA SILVER	7115290	●	●	●	●	●	●	●	●
	WHITE BIRCH	7115292	●	●	●	●	●	●	●	●
	WOODLAND GREY	7115282	●	●	●	●	●	●	●	●

# CORNER STAKES



TYPE	TO SUIT	PACK QTY	CODE	QLD	FNQ	NSW	VIC	SA	TAS	WA	NT
LS11	25x11mm	100	7115296	●	●	●	●	●	●	●	●
LS11	25x11mm	500	7115297	●	●	●	●	●	●	●	●
LS09	22x9mm	100	7115298	●	●	●	●	●	●	●	●
LS09	22x9mm	500	7115299	●	●	●	●	●	●	●	●

Note: Corner Stakes are sold in pack quantity only.



●	STOCKED
●	AVAILABLE TO ORDER AS PACK QUANTITY
●	NOT AVAILABLE

## BAL RATINGS

The Bushfire Attack Level (BAL) rating of a building site dictates the materials and building design elements that need to be taken into account. This is essential to safeguard homes in bushfire-prone areas.

FLYPRO™ has developed a range of products to meet the requirements of AS3959:2018 ranging from BAL-12.5 to BAL-40.

The information below relates to BAL window and door requirements as specified in AS3959:2018 published by Standards Australia.

Lincoln Sentry does not warrant the accuracy of this information, and recommends that you make your own inquiries.

		ALUMINIUM	ULTRA GUARD-AL	UNISCREEN-SS	316 STAINLESS	BRONZE
<b>BAL-12.5</b>	<b>Ember attack with heat flux up to 12.5kW/m<sup>3</sup></b>	●	●	●	●	●
	<p>All windows and doors completely protected externally by screens with a mesh with a maximum aperture of 2mm, made of corrosion resistant steel, bronze or aluminium.</p> <p><b>OR</b></p> <p><b>WINDOWS</b> Sashes shall be screened internally or externally with mesh with a maximum aperture of 2mm, made of corrosion resistant steel, bronze or aluminium.</p> <p><b>DOORS</b> There is no bushfire requirement to screen to open-able doors. However, if screened, the screens shall be a mesh made of corrosion resistant steel, bronze or aluminium.</p>					
<b>BAL-19</b>	<b>Increasing levels of ember attack and burning debris ignited by windborne embers, together with increasing heat flux.</b>	●	●	●	●	●
	<p>All windows and doors completely protected externally by screens with a mesh with a maximum aperture of 2mm, made of corrosion resistant steel, bronze or aluminium.</p> <p><b>OR</b></p> <p><b>WINDOWS</b> Sashes shall be screened internally or externally with mesh with a maximum aperture of 2mm, made of corrosion resistant steel, bronze or aluminium.</p> <p><b>DOORS</b> There is no bushfire requirement to screen to open-able doors. However, if screened, the screens shall be a mesh made of corrosion resistant steel, bronze or aluminium.</p>					
<b>BAL-29</b>	<b>Increasing levels of ember attack and burning debris ignited by windborne embers, together with increasing heat flux.</b>	●	●	●	●	●
	<p>Screening externally to windows is not a single option solution at this BAL, however it is for doors.</p> <p><b>OR</b></p> <p><b>WINDOWS</b> Sashes shall be screened internally or externally with mesh with a maximum aperture of 2mm, made of corrosion resistant steel, bronze or aluminium. Screen assemblies must be attached using metal fixings. <b>AND</b></p> <p>Where glazing is less than 400mm from ground, deck/verandah, roof or awning structure then these glass panels will require screening with a mesh made of corrosion resistant steel, bronze or aluminium.</p> <p><b>DOORS</b> There is no bushfire requirement to screen to openable doors. However, if screened, the screens shall be a mesh made of corrosion resistant steel, bronze or aluminium. Screen assemblies must be attached using metal fixings.</p>					
<b>BAL-40</b>	<b>Increasing levels of ember attack and burning debris ignited by windborne embers, together with increasing heat flux and with the increased likelihood of exposure to flames.</b>	●	●	●	●	●
	<p>Screening externally is not a single option solution at this BAL.</p> <p><b>OR</b></p> <p><b>WINDOWS</b> Both openable (sashes) and fixed panels of the window shall be screened with a mesh with a maximum aperture of 2mm, made of corrosion resistant steel or bronze. (Not Aluminium).</p> <p>Screens to be external and must be attached using metal fixings.</p> <p><b>DOORS</b> For hinged and sliding doors, both the fixed and open-able portions of doors are to be screened by a mesh with a maximum aperture of 2mm made of corrosion resistant steel or bronze. Screen to be external and must be attached using metal fixings.</p>					
<b>BAL-FZ</b>	<b>Direct exposure to flames from fire, in addition to heat flux and ember attack.</b>	●	●	●	●	●
	Screening externally is not a single option solution at this BAL.					

●	SUITABLE	●	NOT SUITABLE
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NOTE: Any information relating to BAL compliance is provided as a guide only and may be subject to change. Please refer to the publication AS3959:2018 for detailed instructions in relation to project compliance.

## TEA STAINING

All screens will trap airborne impurities including particles of iron.

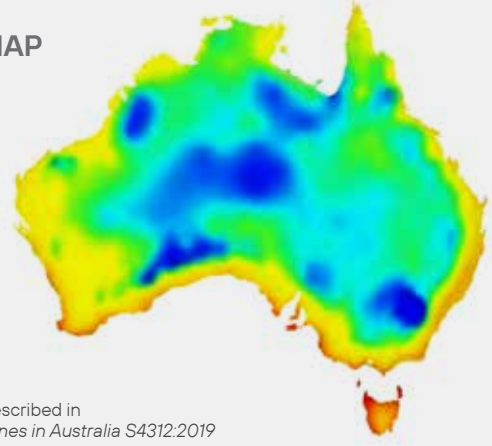
When combined with moisture, staining will occur. This can present as reddish-brown marks on the surface known as *Tea Staining*.

Rate of staining will depend on multiple factors including:

- Corrosivity Zone of the building
- Airborne particles
- Frequency of cleaning
- Quality of the flyscreen material and coatings.

## AUSTRALIA CORROSIVITY MAP

- C1: Dry
- C2: Arid / Urban Inland
- C3: Coastal / Industrial
- C4: Calm Seashore



Corrosivity categories as described in *Atmospheric Corrosivity Zones in Australia S4312:2019*

## CORROSION ZONES

To ensure correct selection of flyscreen material it is recommended to check the building location in reference to *AS4312:2019 Atmospheric Corrosivity Zones in Australia*.

Using the corrosivity zone classifications and generic examples from *AS4312:2019*, the chart below summarises our recommendation for choice of FLYPRO™ product in each corrosivity zone.

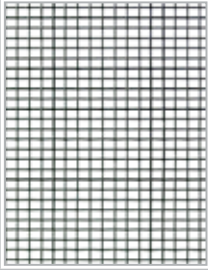
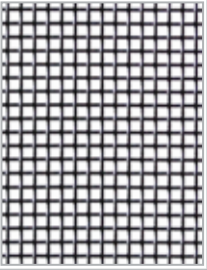
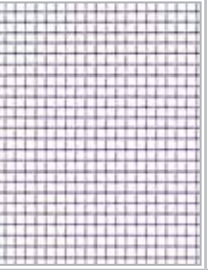
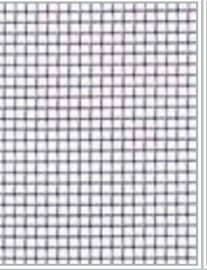

	C1	C2	C3	C4	C5
	DRY INDOORS	ARID/URBAN INLAND	COASTAL	CALM SEA SHORE	SURF SEA SHORE
<b>ALUMINIUM</b>		●	●	●	●
<b>ULTRA GUARD-AL</b>		●	●	●	●
<b>UNISCREEN-SS</b>		●	●	●	●
<b>316 STAINLESS</b>		●	●	●	●
<b>BRONZE</b>		●	●	●	●
<b>GENERIC EXAMPLES</b>	<b>Does not apply:</b> Inside heated or air conditioned buildings with clean atmospheres.	<b>&gt;50km:</b> Most areas of Australia at least 50km from the coast.  <b>3-6km:</b> Inland for a less sheltered bay or gulf.  <b>&gt;1km:</b> Can extend to within 1km from quiet, sheltered seas.	<b>50m-1km:</b> Inland around sheltered bays.  <b>100m-3/6km:</b> Inland for a less sheltered bay or gulf.  <b>1-10km:</b> Inland along ocean front areas with breaking surf & significant salt spray.	<b>0m:</b> In the immediate vicinity of calm salt water such as foreshores.  <b>&lt;50m:</b> From the shoreline to 50m inland around sheltered bays.  <b>200m-1km:</b> Inland in areas with rough seas & surf.	<b>&lt;200m:</b> Within 200m of rough seas & surf beaches. May be extended inland by prevailing winds & local conditions.

●	SUITABLE	●	NOT SUITABLE
		■	NOT APPLICABLE

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.

		FIBREGLASS	STIFF FIBREGLASS	MIDGE-D-FENCE	PET-D-FENCE	POOL & PATIO-FG	POOL & PATIO-PFY
APPLICATION	WINDOW	●●●	●●●	●●●	●●●	●●●	●●●
	DOOR	●●●	●●●	●●●	●●●	●●●	●●●
	PATIO	●●●	●●●	●●●	●●●	●●●	●●●
	RETRACTABLE	●●●	●●●	●●●	●●●	●●●	●●●
PERFORMANCE	PROTECTION	●●●	●●●	●●●	●●●	●●●	●●●
	AIRFLOW	●●●	●●●	●●●	●●●	●●●	●●●
	VISIBILITY	●●●	●●●	●●●	●●●	●●●	●●●
	STRENGTH	●●●	●●●	●●●	●●●	●●●	●●●
	PET SAFE	●●●	●●●	●●●	●●●	●●●	●●●
	BAL RATING	N/A	N/A	N/A	N/A	N/A	N/A
SPECIFICATION	MATERIAL	E-GLASS	E-GLASS	E-GLASS	POLYESTER	E-GLASS	POLYESTER
	COLOUR	MATT CHARCOAL	MATT CHARCOAL	MATT CHARCOAL	MATT BLACK	MATT CHARCOAL	MATT BLACK
	COATING	PVC	PVC	PVC	PVC	PVC	PVC
	STRAND	0.25mm	0.28mm	0.27mm	0.66mm	0.33mm	0.33mm
	WEAVE (INCH <sup>2</sup> )	18 x 14	18 x 16	24 x 24	15 x 11	18 x 14	18 x 14
	OPEN AREA	71%	66%	55%	44%	63%	63%
	WEIGHT (GSM)	96	116	140	360	153	220

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.

		ALUMINIUM	ULTRA GUARD-AL	UNISCREEN-SS	316 STAINLESS	BRONZE
						
APPLICATION	WINDOW	●●●	●●●	●●●	●●●	●●●
	DOOR	●●●	●●●	●●●	●●●	●●●
	PATIO	●●●	●●●	●●●	●●●	●●●
	RETRACTABLE	●●●	●●●	●●●	●●●	●●●
PERFORMANCE	PROTECTION	●●●	●●●	●●●	●●●	●●●
	AIRFLOW	●●●	●●●	●●●	●●●	●●●
	VISIBILITY	●●●	●●●	●●●	●●●	●●●
	STRENGTH	●●●	●●●	●●●	●●●	●●●
	PET SAFE	●●●	●●●	●●●	●●●	●●●
	BAL RATING	<b>BAL29</b>	<b>BAL29</b>	<b>BAL40</b>	<b>BAL40</b>	<b>BAL40</b>
SPECIFICATION	MATERIAL	AL5154	AL5154	SS304H	SS316	Cu90Zn10
	COLOUR	BLACK	BLACK	BLACK	BLACK	BRIGHT
	COATING	POWDERCOAT	POWDERCOAT	POWDERCOAT	POWDERCOAT	CLEAR
	STRAND	0.25mm	0.41mm	0.11mm	0.18mm	0.28mm
	WEAVE (INCH <sup>2</sup> )	18 x 16	14 x 14	20 x 18	18 x 18	18 x 14
	OPEN AREA	69%	58%	84%	76%	68%
	WEIGHT (GSM)	180	380	120	310	500

NOTE: The performance rating for this product is relative to all products within the FLYPRO™ range. Our performance rating system is designed to assist you in selecting the most appropriate FLYPRO™ product for your requirements.



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