

Reboss outside awning system

A simple and economical solution for protection against harsh weather, including resistance to Cat-12 typhoon and 99% UV prevention. Suitable for doors, windows and shop fronts, the system is easy to install and helps resist premature aging.

The canopies are available in three standard sizes, or custom sizes to suit, all with grey tint panel colour.

A SIMPLE SYSTEM OF FIXED CANOPIES



Fixed canopy attaches with two arms to wall surface. Standard widths available of 900, 1200, and 1500mm. Projection of 920mm from wall to outside edge.



Panels can be cut down in width to form custom width sizes.

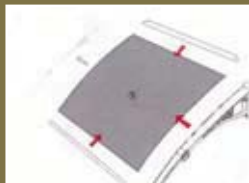
MULTIPLE PANELS BANKED TOGETHER



Panels can be butt joined to form wider canopies. Panels insert into grooves for easy installation and tidy appearance.



EASY ASSEMBLY



Each contains all materials and hardware needed for standard installation. Easily assembled and installed on-site.



SECURE FASTENING SYSTEMS



Stainless steel clamp screws drive into top and bottom channels securely holding the panels.

Pre-formed securing holes in side frames accommodate large fastenings, up to 10mm diameter.

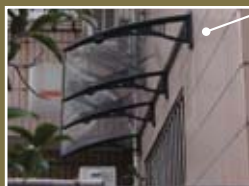
Ribbed mount plate strengthens installation.



MATERIALS



Innovative 'Leesun' Board. 15-20 times stronger than acrylic. Scratch Resistant. Available in grey tint only.

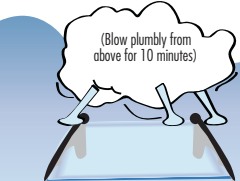


Side Brackets available in black engineered plastic only. Can be specially sprayed to custom colours.

Available exclusively through Ven Lu Ree
 Freephone 0800 836 587 or www.venluree.co.nz
 For more information on Reboss products see www.reboss.cn

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Protection against the elements

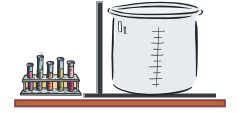



(Blow plumbly from above for 10 minutes)

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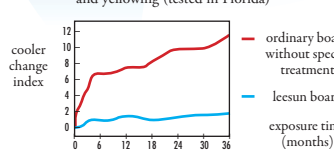
First Version in the World
Resistance to Cat-12 Typhoon

Passed the wind tunnel test standard of National Key Anti-disaster Civil Engineering Laboratory, which had done many wind tunnel test of national key projects, such as Oriental Pearl, Yaungpu Bridge, Jinmao Tower, Hangzhou Bay Bridge and Shanghai South Railway Station.

Ageing Resistance
Xantochromia Resistance


The relationship between outside exposure and yellowing (tested in Florida)



Exposure time (months)	Ordinary board without special treatment	lecsun board
0	0	0
6	~4	~1
12	~6	~1
18	~8	~1
24	~9	~1
30	~10	~1
36	~11	~1

Chemicals Resistance
Anticorrosion

Reagent Weight (%)	Thickness (%)	Appearance	After Exposure
Deicing Agent Glycol Race	< 1	< 1	No change
Grain Alcohol 100%	< 1	< 1	Quite slightly yellowed
30% Vitriol	< 1	< 1	Lightly yellowed
10% Sodium Hydroxide	8	6	Lightly yellowed



- Experimental conditions in the absence of force, the test bar was immersed in the chemical reagent indicated on the above list, and conserved at 23°C (73°F) for one year.

It is difficult to erode the board by chemicals, this can guarantee the capabilities of the board after continual cleaning.



Refractory Antiflaming

Capability	Conditions	Test Method	Unit	Typical value --3m
Flammability /China	GB 8024	B1
Flammability /England	Seventh part of BS 476	1Y

Fire retardance of the main materials accord with the fire proofing standard of home and abroad.

Impact Resistance
Better at Low Temperature

Capability	Conditions	Test Method	Unit	Typical value --3m
Resistance to impact of penetrating, energy under the pack lead	23°C	ISO 6603-2	Joule	59
	9°C	ISO 6603-2	Joule	61
	-10°C	ISO 6603-2	Joule	70
	-20°C	ISO 6603-2	Joule	73
	-30°C	ISO 6603-2	Joule	74
Charlebei Dynamic Resistance, no breach	23°C	ISO 179	Kilojoule /Square Meter	Nb ^a
	0°C	ISO 179	Kilojoule /Square Meter	Nb ^a
	-40°C	ISO 179	Kilojoule /Square Meter	Nb ^a

LeeSun board with the capability of resistance to impact. In fact, it is so tough that a 12 pound ball can rebound off a 1/8 Inch-thick board.

Designed in Pursuance of 20-years Lifetime

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