

INFINITY SCREEN INSTALLATION GUIDELINES



Infinity

www.eva-last.com
0722 VD

A PRODUCT BY

EVA-LAST
INSPIRED BY NATURE, DESIGNED FOR LIFE.



INTRODUCTION

Thank you for choosing Eva-Last screening. In these guidelines we aim to assist you in successfully completing an installation that will last as long as the Eva-Last products themselves.

The purpose of this guide is to help you adhere to all Eva-Last warranty specifications and create a durable, long-lasting installation.

NOTE: These instructions are prepared for persons experienced in the field of privacy screen installations and assume a foundational working knowledge of the tools and application process. For best results, it is highly recommended to use a professional contractor for Eva-Last screening installation. Please check all local government building guidelines and codes before beginning any installation to ensure compliance. Consider all relevant project drawings and specifications in conjunction with this installation guide.

This guide is subject to periodic changes. For the most updated version, please visit www.eva-last.com before beginning installation.

Best practices:

- Use appropriate PPE (personal protective equipment).
- Plan your install for best yield/finish appearance.
- Keep boards straight and level, and in line with adjacent walls. Throughout installation, check the horizontal alignment of boards every few rows to ensure the screen is installed straight and level.
- Screening is only as straight and stable as its substrate. Only install over a flat substrate or a suitable substructure.
- Ensure the spacing between horizontal boards is even. Use a spacer or spacers.
- Keep screening clean and unobstructed for optimal long-term performance.

THE SCREEN BOARD

Eva-Last screen boards are made from Infinity composite. This premium composite product line provides an industry-leading warranty and long-lasting durability. Screening boards have been modified from traditional Infinity profiles. They are lighter weight and offer double-sided R finish textures on both faces of the profile, making them ideal for screening or cladding.

Complementary HULK top fixing screws are designed in colours to match the composite screening for a seamless look and feel. Top fix the screening boards with HULK Fasteners to securely fasten the boards in place.



THE SCREEN BOARD

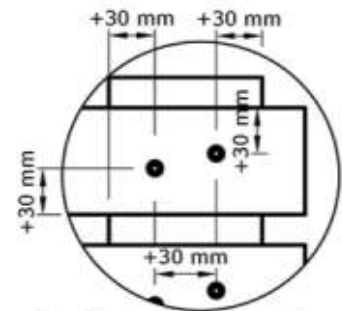
Dimensions	70 x 16 mm (5.45 m length)
Weight	1.36 kg per metre
Span	1200 mm when fixed to 3 or more supports 900 mm when between 2 supports
Fasteners	HULK CDS screws, 25 per square metre

SCREEN INSTALLATION

A. Required fasteners

Always use at least two fasteners when securing any span of screen material. Using two fasteners prevents the material from rotating or pivoting, as it may do if only one fastener is used. Each fastener should be installed at least 30 mm from the edge of the material. See the diagram for further help.

Note: Create a pre-drilled hole larger than the shank diameter of the screw with a pan head during installation. This allows for the expansion and contraction of the material. HUKK Fasteners timber trim screws and metal trim screw are recommended for timber or steel structures.



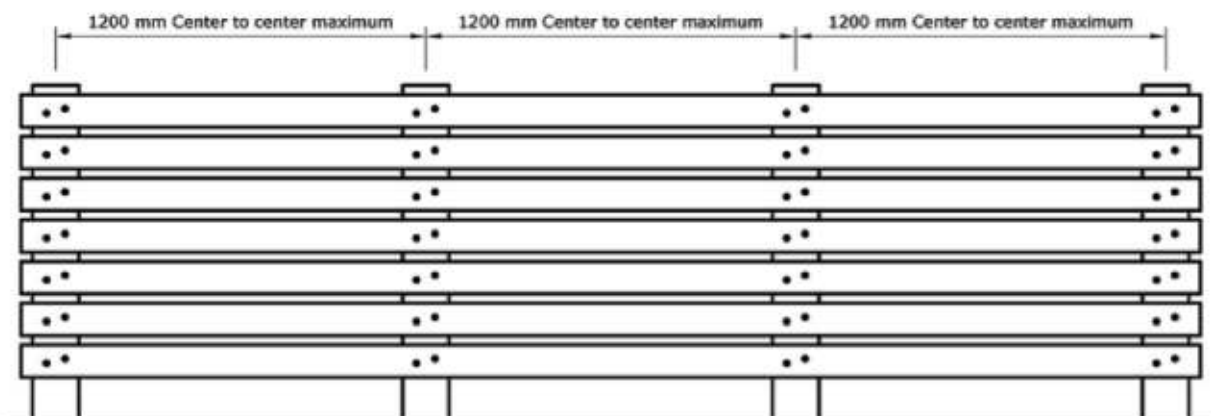
Use 2 screws per connection at least 30 mm from any composite edge

B. Required spans

I. Continuous span centre to centre

While the ideal continuous span of the screen material is 900 mm from centre to centre, boards can span up to a maximum of 1200 mm from centre to centre.

Maximum continuous span centre to centre

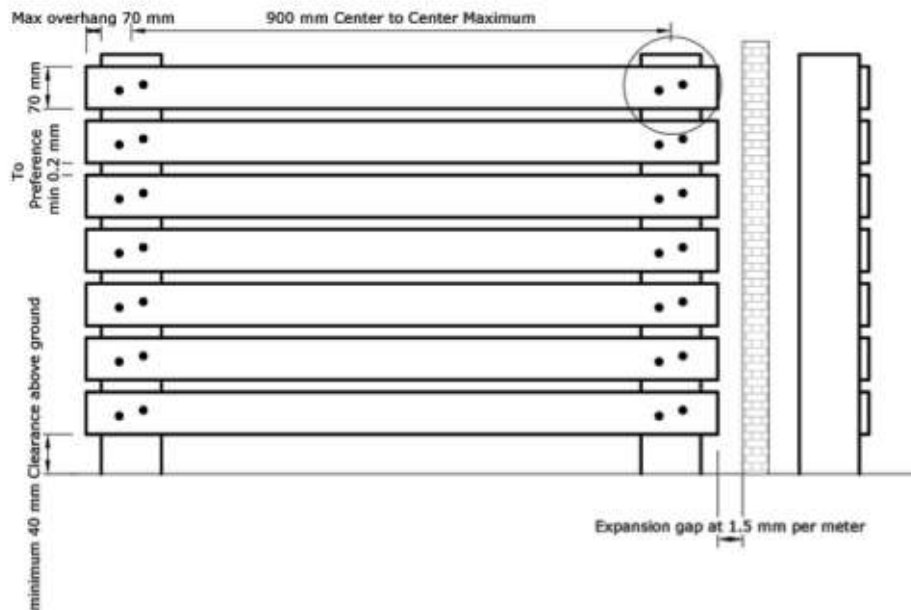


Note: In some cases, the material may be able to span further than local building codes or environmental conditions allow. For example, for an N2 design wind speed, a 600 mm maximum span between supports is recommended. Always consult local building codes and ordinances before starting a project.

II. Single span centre to centre

The ideal single span of the screen material for centre to centre installations is 900 mm.

Ideal single span centre to centre:



C. Required clearances

I. Minimum clearance from the wall

Where boards are used for cladding, a 20 mm minimum clearance should be left between the back of the board and the wall.

Where boards are used for screening, a minimum gap of 3 mm is recommended between the back of the board to the wall.

Tip: Allow space between the top board and any overhang or structure, and allow space between the bottom board and ground or flooring. This will help prevent creating a seal, which may lead to mould, or a dam, which may result in flooding. Composite material should also have a minimum gap of 3 mm from the wall to prevent debris accumulation, damp build up, the transfer of lime from plaster and other issues.

II. Minimum side by side gap

Gaps along the length of the boards should be a minimum of 0.2 mm. Creating a barrier with very small gaps may require a wind load design in accordance with local laws.

III. Minimum ground clearance

Allow a minimum space of 20 mm between the board and ground.

Note: AU building codes require a minimum space of 20 mm for ground clearance to allow for drainage without trapping debris. AU building codes require a 75 mm ground clearance above a concrete slab for termite management measure. However, since composite is considered termite resistant, this regulation does not apply to the composite material itself. Consult local building codes beforehand.

The minimum clearance from the end of the board to a fixed structure is 1.5 mm.

IV. End butt join gap

For an end to end butt join gap along the length of the profiles, allow a space of at least 1.5 mm/m.

V. Maximum overhang

The maximum overhang for vertically installed boards is 70 mm.

10. Disclaimer & copyright

Disclaimer

The provided information is offered in good faith as accurate but without guarantee. Eva-Last makes no warranties or representations of any kind (express or implied) about the accuracy, adequacy, currency, or completeness of the information, or that it is necessarily suitable for the intended use.

Compliance with this document does not guarantee immunity from breach of any statutory requirements, building codes or relevant standards. The final responsibility for the correct design and specification rests with the designer and, for its satisfactory execution, with the contractor. Appropriate warnings and safe handling procedures should be provided to handlers and users.

While most data have been compiled from research, case histories, experience and testing, small changes in the environment can produce marked differences in performance. The decision to use a material, and in what manner, is made at your own risk. The use of a material and method may therefore need to be modified to its intended end use and environment.

Eva-Last, its directors, officers or employees shall not be responsible for any direct, indirect, or special loss or damage arising from, or as a consequence of, use of, or reliance upon, any information contained in this document or other documents referenced herein. Eva-Last expressly disclaims any liability which is based on or arises out of, the information or any errors, omissions, or misstatements herein.

Drawing disclaimer

All dimensions and specifications are offered in good faith as accurate but without guarantee. The information captured herein may not contain complete details. Eva-Last makes no warranties or representations of any kind (express or implied) about the accuracy, adequacy, currency, or completeness of the information, or that it is necessarily suitable for the intended use.

Compliance with this document does not guarantee immunity from breach of any statutory requirements, building codes or relevant standards. The final responsibility for the correct design and specification rests with the designer and, for its satisfactory execution, with the contractor.

Utilisation disclaimer

Legislation may differ between jurisdictions. Before installing any Eva-Last product, ensure that the application is rational and complies with the local regulations and building codes. Wherever necessary, consult a suitably qualified professional. Be sure to comply with material manufacturer specifications. Where manufacturers and building codes differ, revert to the building code requirements. Check that your choice of product is suitable for its intended application. For further product specification and information visit www.eva-last.com.

Copyright

If reprinted or reproduced or utilised in any form Eva-last should be acknowledged as the source of the information.

Eva-last periodically updates the information contained in this installation guide and that of the Eva-last documents that have been referenced herein. Before using this installation guide, please refer to the Eva-last website (www.eva-last.com) for the most recent updates on information contained in this installation guide and that of any referenced Eva-last documents. Please refer to the applicable websites for the most recent updates on information contained herein pertaining to other sources.

Contact information

Eva-Last
Room 1203, 12/F Tower 333 Canton Road,
Tsimshatsui, Hong Kong, China

Emergency Contact: +27 10 593 9220

Product information: +27 10 593 9220

Email: info@eva-last.com

Website: www.eva-last.com