

# RAPIDRAIL™

INTEGRATED RAILING SYSTEM

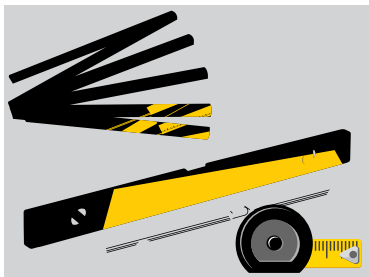
## RAPIDRAIL™ ASSEMBLY GUIDE

VERSION A -1.0 | 25/05/2023



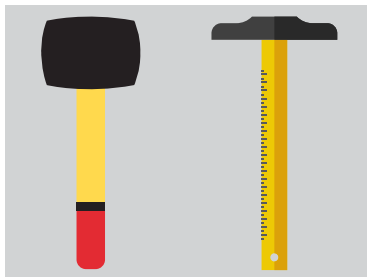
Before installing, please ensure you have downloaded the latest version of this installation guide by scanning this code.

## TOOLS NEEDED



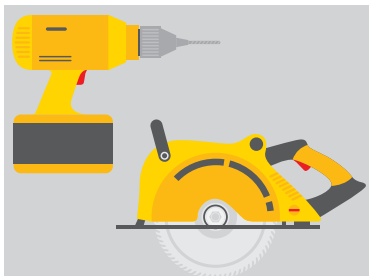
### PRECISION TOOLS

Spirit level, tape measure and ruler.



### HAND TOOLS

Rubber mallet and T-square.



### POWER TOOLS

Electric drill or Circular saw.



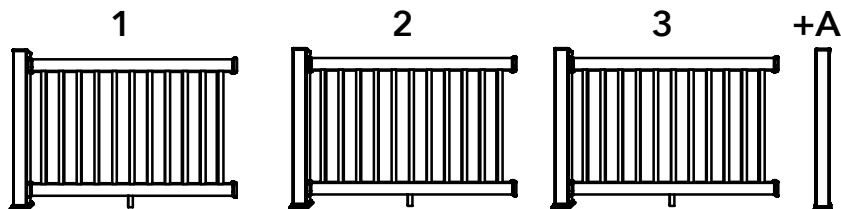
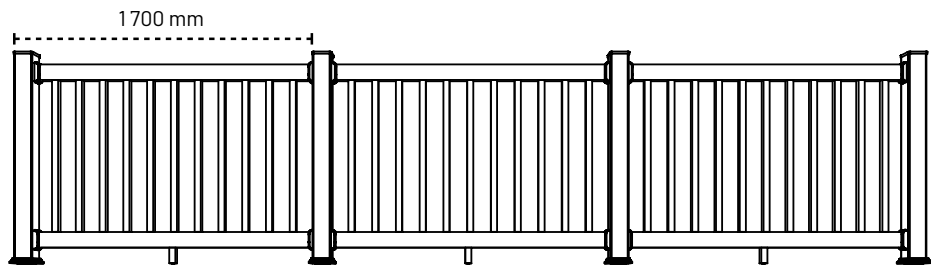
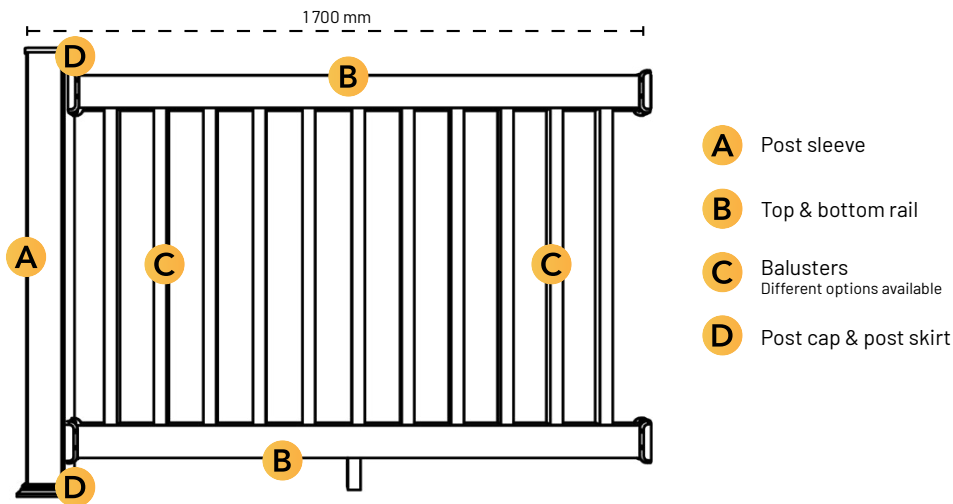
### SAFETY EQUIPMENT

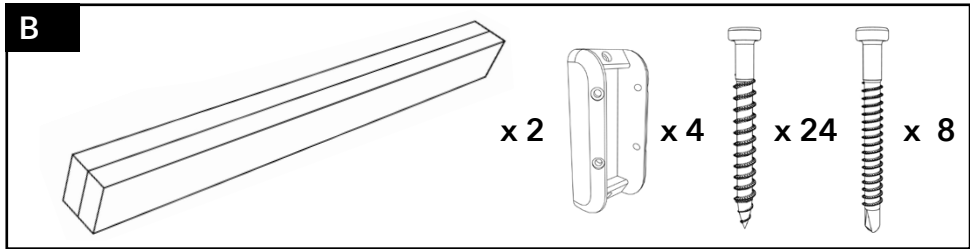
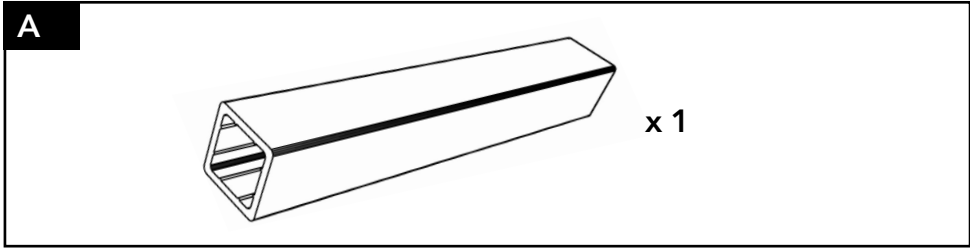
According to applicable legislation.

RapidRail has been designed to meet industrial norms, however, building codes and standards may differ between jurisdiction or countries. Before installing RapidRail, ensure that your designs are rational and comply with local regulations and building codes, or consult a suitable qualified expert. Also ensure that your choice of Rapidrail system is suitable for the application.

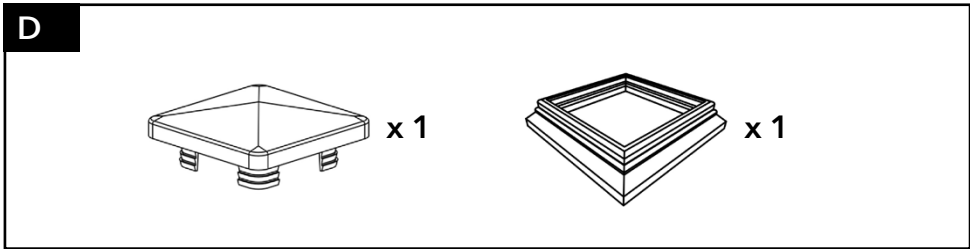
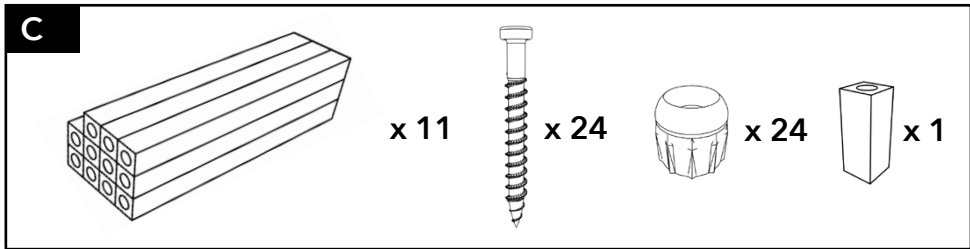
Please refer to [www.eva-last.co.uk](http://www.eva-last.co.uk) for further information. All units rounded to the nearest decimal place applicable.

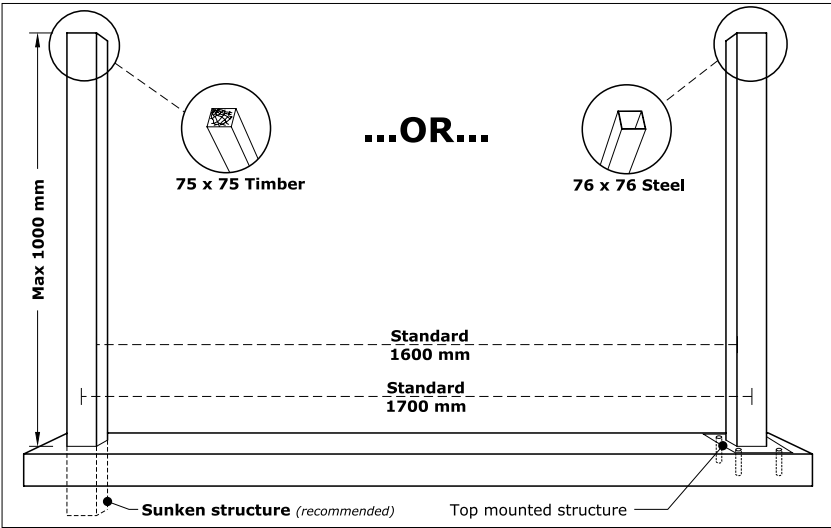
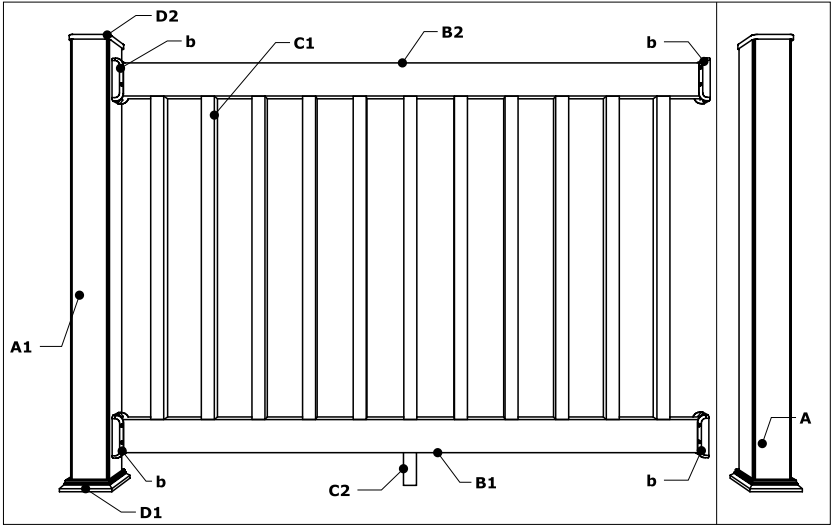
PRODUCT EXPLANATION

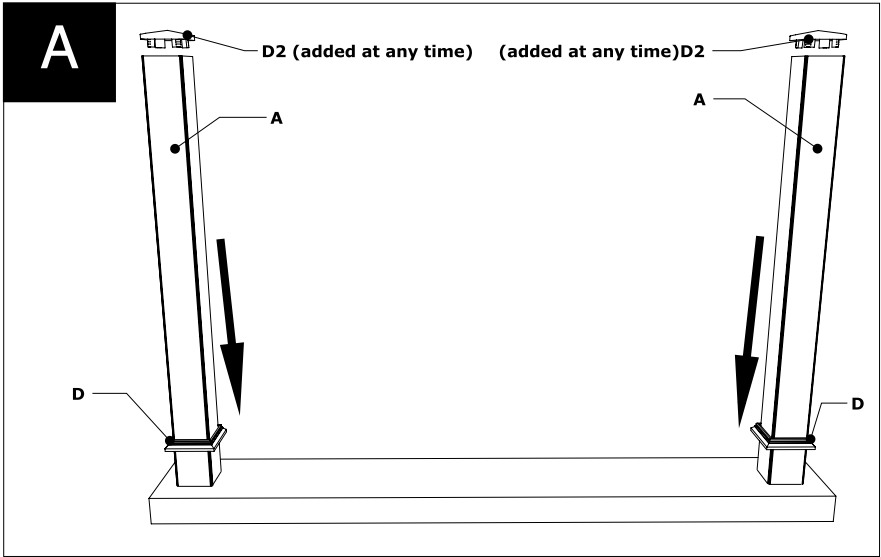
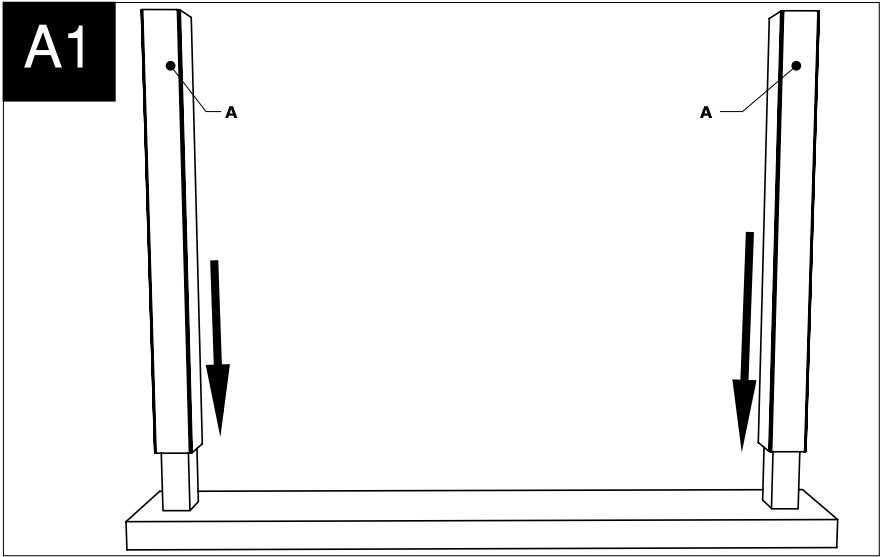


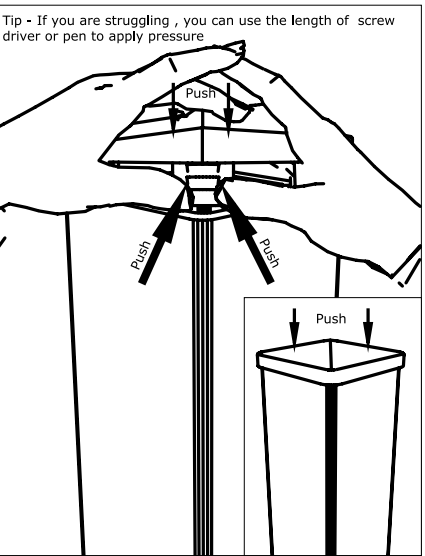
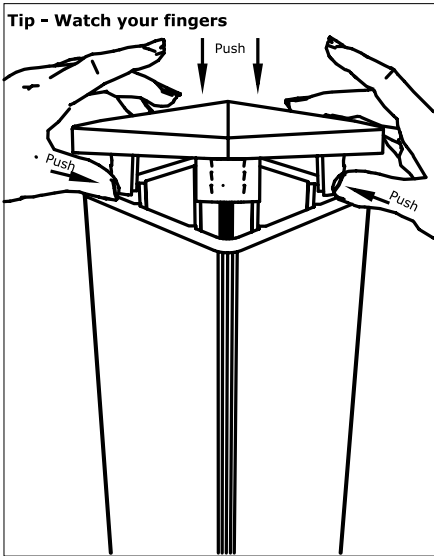
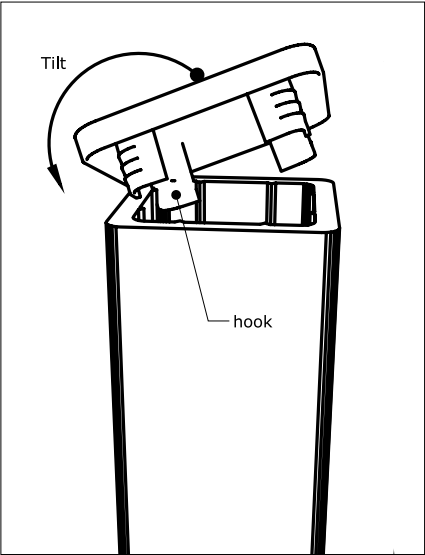
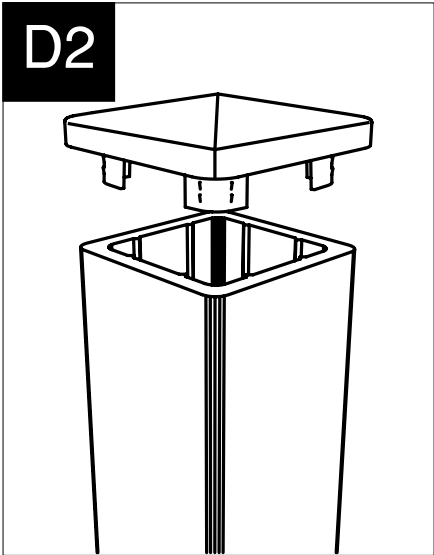


\* Bit sold separately

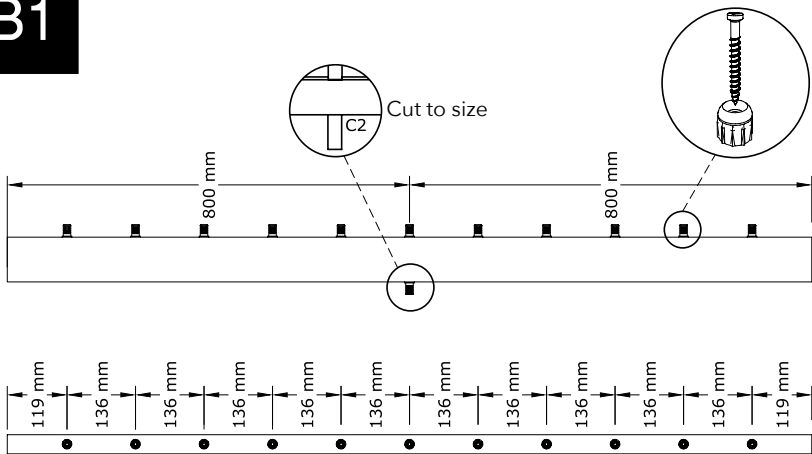






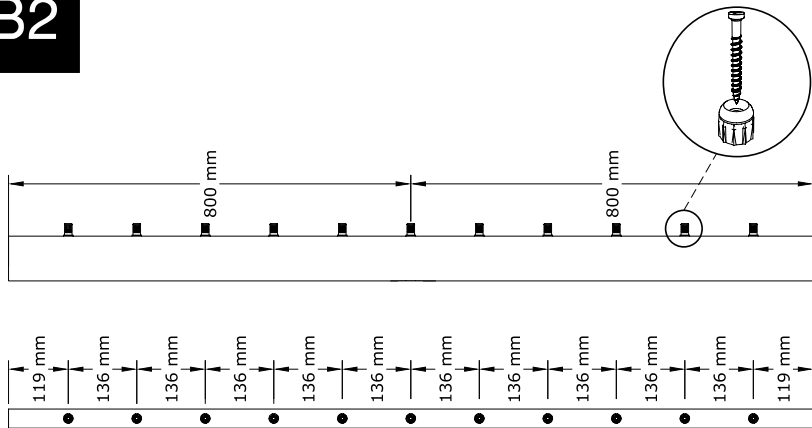


**B1**



TIP : See packaging for fastening guides

**B2**

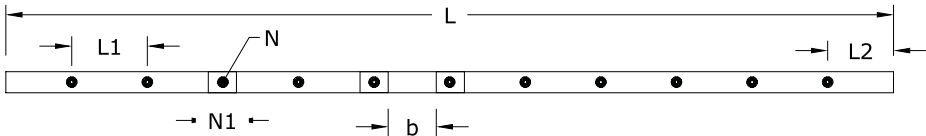


TIP : See packaging for fastening guides



B1

CUSTOMIZED DESIGN CALCULATOR



#	Standard	Customized
L	1600	
N	11	
N1	35	
L1	136.25	$((L - (N \times N1))) / (N + 1) + N$
L2	118.75	$L1 - (N / 2)$

Solve L1

$$\boxed{L} - \boxed{(N \times N1)} = \text{a}$$
$$\text{a} / \boxed{(N + 1)} = \text{b}$$

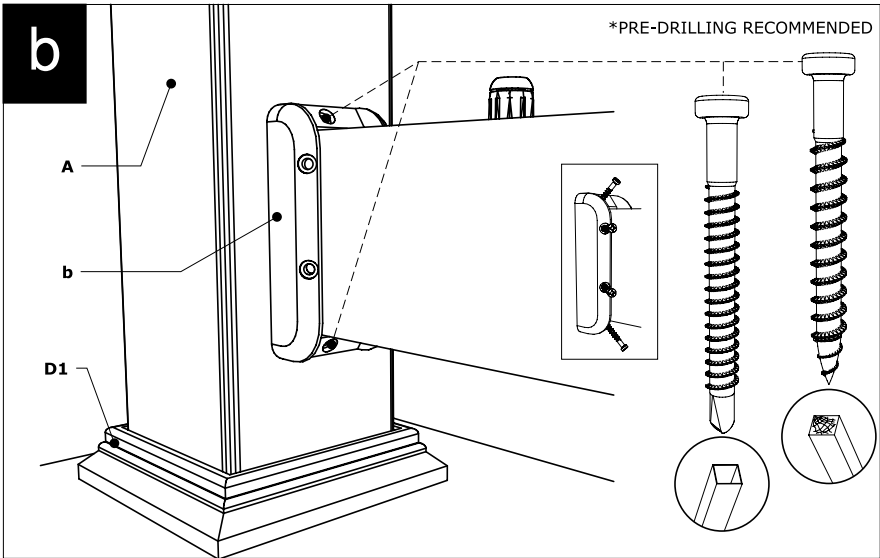
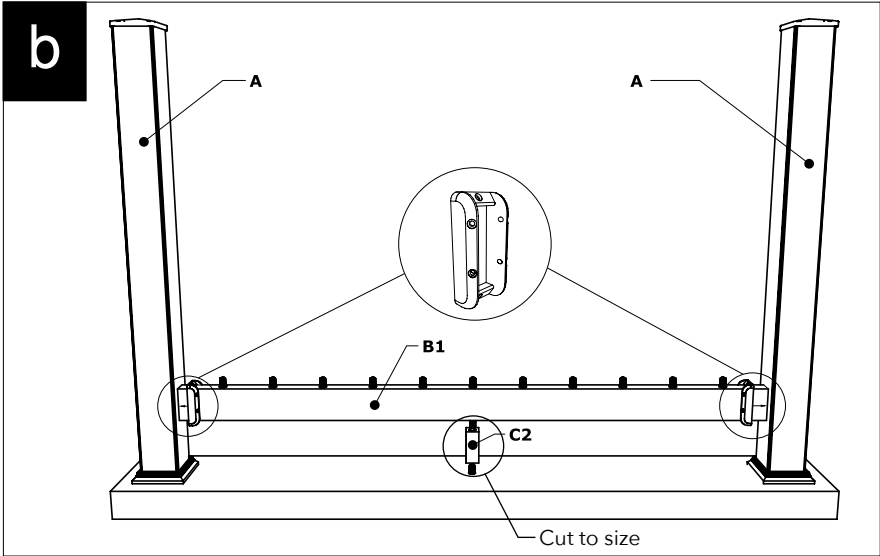
Space between newels

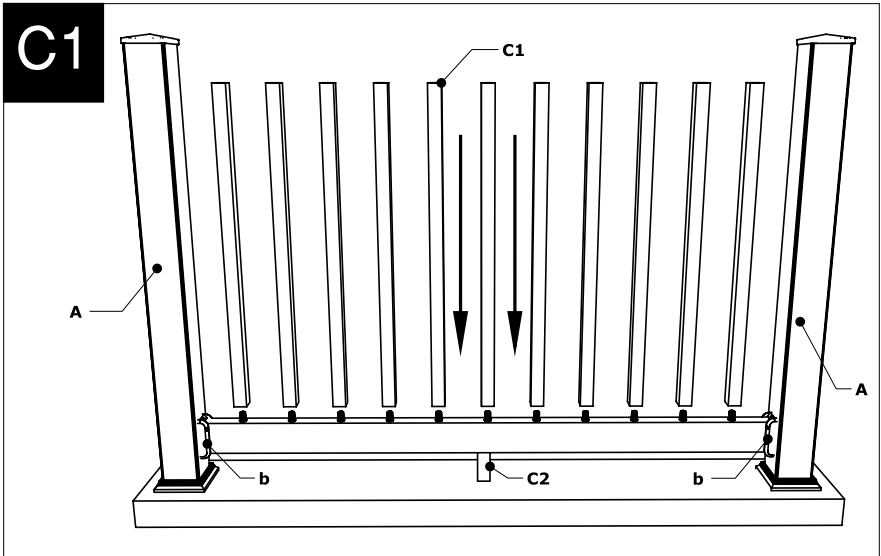
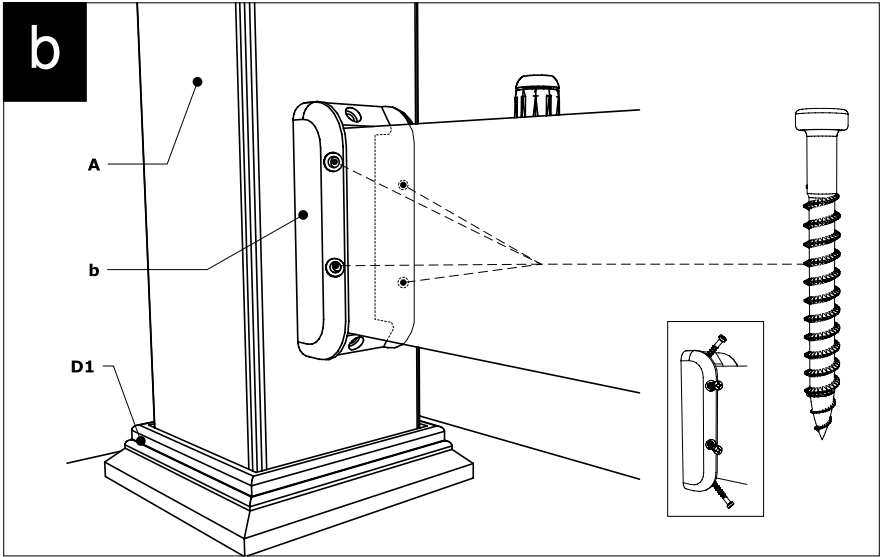
$$\text{b} + \boxed{N1} = \text{L1}$$

C/c of newels

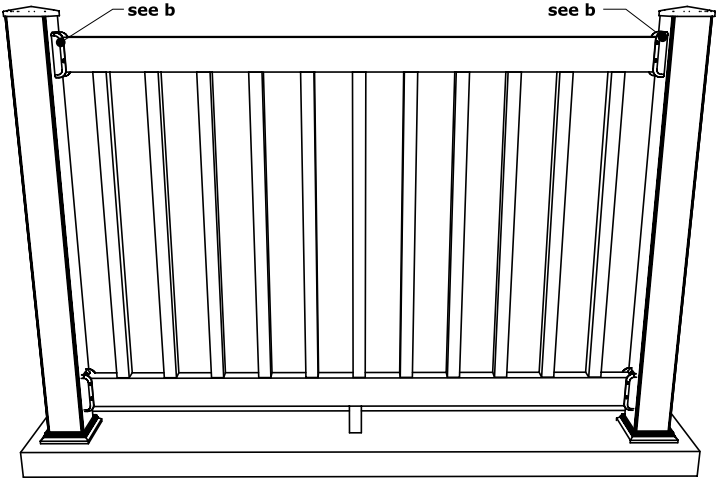
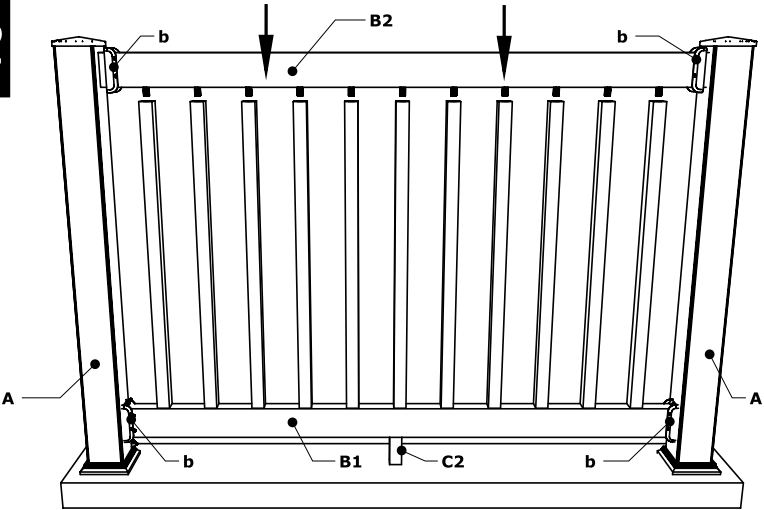
Solve L2

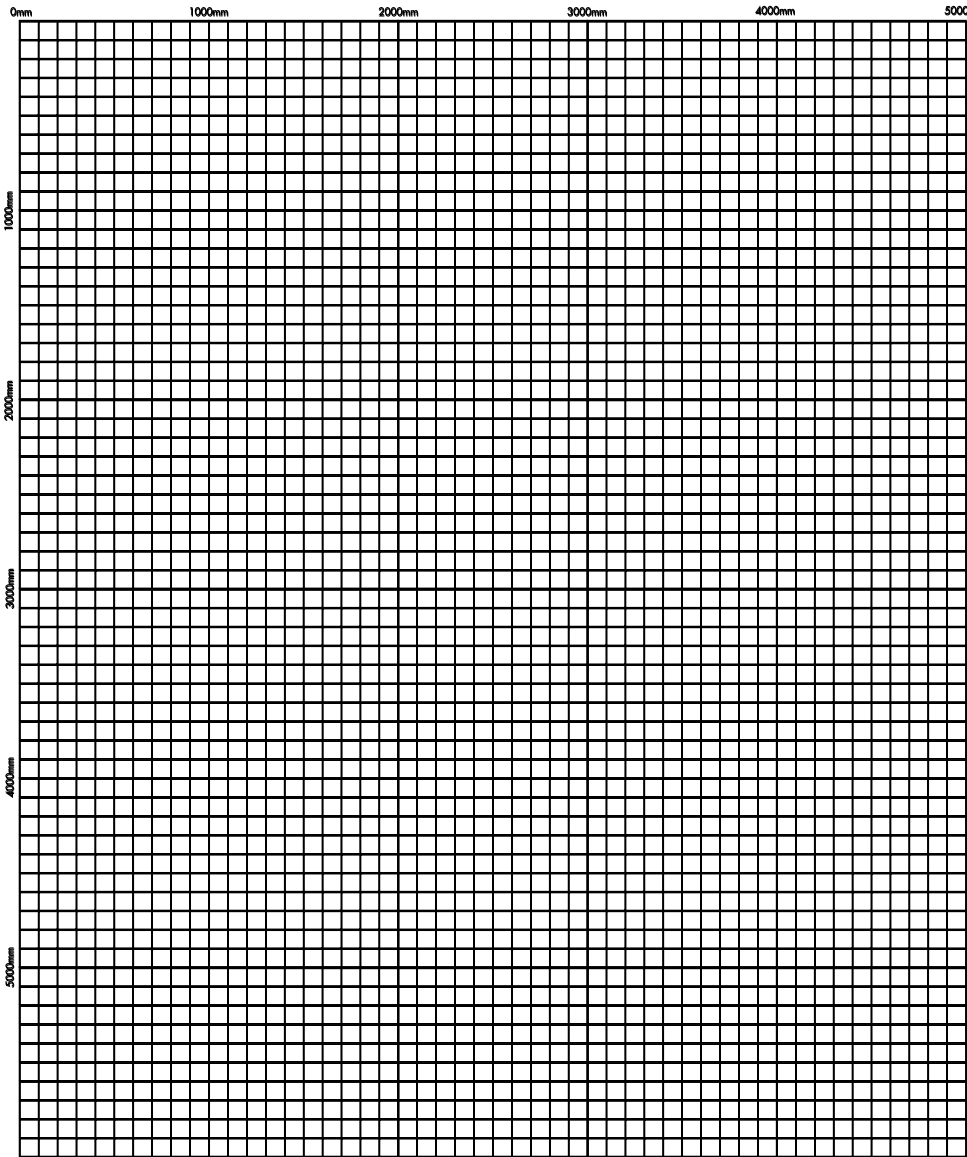
$$\text{L1} - \boxed{(N1 / 2)} = \text{L2}$$





**B2**





Scale: each small sqaure represents 100 mm, each large sqaure represents 1 metre (1000 mm).

## Document 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 its suitability 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.

## 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 manufacturer 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.co.uk](http://www.eva-last.co.uk)

## 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 document and Eva-Last documents that have been referenced herein. Before using this document, please refer to the Eva-Last website ([www.eva-last.com](http://www.eva-last.com)) for the most up-to-date documents. Please also refer to the applicable websites.

## Contact information

Eva-Last  
84 Short Street, Muldersdrift,  
Johannesburg, 1739, South Africa

**Email:** [info@eva-last.com](mailto:info@eva-last.com)

**Tel:** +27 10 593 9220

