

01.

Installation File Support Structure

Overview

You are now in Installation File 1. Need another file?
Go to [cladix.eu](https://www.cladix.eu) to download it.

- 1. Installation File 1: Support Structure**
2. Installation File 2: L Profile (Optional)
3. Installation File 3: Start
4. Installation File 4: Alternate Start (Optional)
5. Installation File 5: Fill Packages
6. Installation File 6: Inward Corner (Optional)
7. Installation File 7: Outward Corner (Optional)
8. Installation File 8: Stop

Materials list



Safety glasses



Noise-reducing headphones



Gloves



Pencil



Measuring tape



Hammer



(Vertical) level



Cross line laser level



Treated wooden battens



Sawhorses or workbench (for materials) + accessories



Ladder



Regular screwdriver or impact drill



Dowels



Chop and miter saw (or ordinary hand and/or metal saw)

Optioneel:



Vacuum cleaner



Tool belt



Tool kit



Plastic shims of various thicknesses

! ALWAYS FOLLOW THE MANUFACTURER'S OR SUPPLIER'S GUIDELINES AND PROCEDURES.
! ALWAYS ENSURE A SAFE WORKING ENVIRONMENT AND USE PERSONAL PROTECTIVE EQUIPMENT.

Step by step plan



Cut vertical battens (treated wood) to the height of your facade.

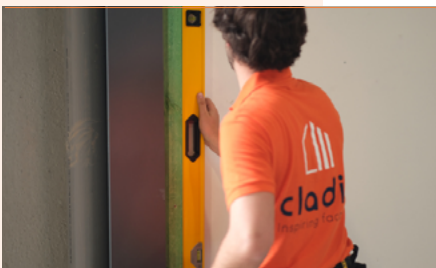
Always wear personal protective equipment while cutting.



Put the batten on the workbench. Measure 50 cm spaces and mark the drill holes.

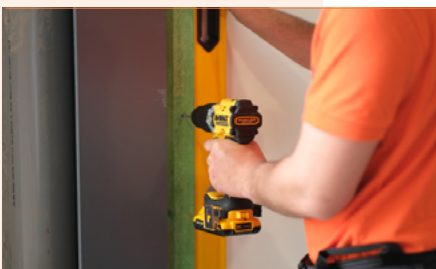


Use an ordinary drill to drill holes where marked. Make sure the holes are the same diameter as the dowels.

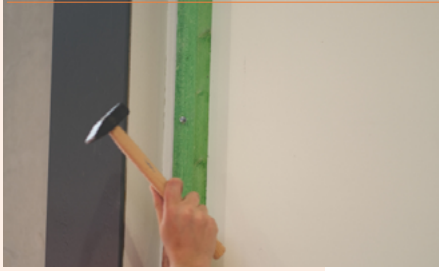


Place the first vertical batten against the facade and use a spirit level to align it perfectly vertical. Make marks where the batten will be mounted, leaving a 20 mm gap at the bottom.

Tip: use the plastic shims to keep the vertical batten 20 mm off the ground.



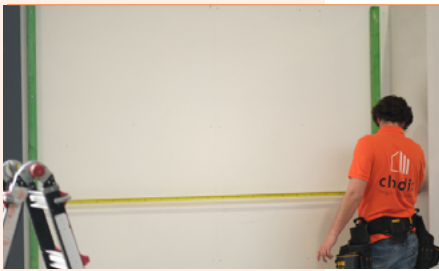
Drill holes in the wall through the holes in the batten with an impact drill. Use the correct type and dimension drill bit.



Hit the dowels into the drilled holes with a hammer to secure the vertical batten to the wall.



Mount a second vertical batten at the other end of the wall in the same way.



Measure the distance between the first batten and the position of the next batten. Mount the battens with a centre-to-centre distance of about 30 cm, depending on the length of your wall. This means you should measure from the centre of the batten.



Tip: Cut a piece of wood as long as the distance between your first two battens. Use this piece as a tool to quickly and accurately determine the distance for the following battens.



Repeat this process for all vertical battens.





Check with a long ruler, batten or spirit level that all battens are flush and level.



If a batten is too far back, use plastic shims (available in different thicknesses) between the wall and the batten to bring it forward a little.



Cut the horizontal battens to the width of your facade. Attach these battens to the vertical structure.



Use your screwdriver and some standard wood screws to secure the horizontal battens to the vertical ones.



First, position two horizontal battens, one at the very top and one about 20 mm off the ground, at the lowest points of the vertical battens.





Place a second batten about 30 cm below the top batten to firmly support the top. Attach this batten to the vertical battens.



Repeat the same process for the bottom by fitting a batten about 30 cm above the bottom batten.



Place the remaining horizontal battens at least 80 cm but no more than 1 metre apart, until the entire wall is covered.



Now that the support structure is complete, you can start attaching the Cladix profiles.

Read additional instructions for finishing the wall.



Disclaimer

Publisher and Property

This document, both in its printed and digital form, is published by Cladix BV, located at Kunststal 19a, B-9900 Eeklo (Belgium). For more information, please contact us at www.cladix.eu.

Trademarks

All trademarks mentioned in Cladix BV communications are the property of Cladix BV or are legally. Any rights not expressly granted in this publication are reserved.

Reproduction and Use

No part of Cladix BV's publications, whether as digital or hard copy, may be reproduced, copied or translated without the prior written consent of Cladix BV. Written consent can be obtained from our managing director or the marketing department.

Liability and Content

Although Cladix BV compiles the information on this document and in other communications carefully and to the best of its knowledge, we accept no liability for errors and/or inaccuracies. The information and drawings in our documentation are indicative only. Cladix BV is not responsible for errors in these documents. All suggested scenarios are illustrative and should always be adapted to the specific construction situation by the contractor or installer. Some projects require specific stability calculations that are not provided by Cladix BV.

These should be checked and calculated by the installer or contractor.

Use of Third Party Information

All references to and images by products or information by third parties are purely indicative. Their use must always be agreed on with the particular producer or supplier. Third-party information and drawings may require specific tools and knowledge to enable installation or use. It is the responsibility of the builder or installer to follow proper procedures and obtain the information.

Amendments and Local Legislation

Cladix BV reserves the right to amend any information used in any of our documents without prior notice. All construction and machining is subject to local legislation, rules and standards.

