

# HC400 Cladding Profile

## Technical Specification



## HC400 Splayed Halflap

Half the thickness of each board is removed along one edge, creating a rebate. The other edge of the board is then machined to a matching profile, creating a tongue that fits snugly into the rebate of the adjacent board. Provides a good overlap between boards, creating a virtually weather-resistant barrier, preventing rainwater penetration. The rustic and traditional appearance of half lap cladding makes it a popular choice for the more traditional and period-style buildings. The halflap profile is a great choice for home-grown timbers, providing a practical and weatherproofing joint.



|                                  |            |
|----------------------------------|------------|
| ■ <b>Standard surface option</b> | PAR        |
| ■ <b>Orientation</b>             | Horizontal |
| ■ <b>Fixing</b>                  | Visible    |



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|               | Dimensions    |           |             |
|---------------|---------------|-----------|-------------|
|               | Overall width | Thickness | Face width* |
| Air Dried Oak | 145mm         | 20mm      | 130mm       |
| Canadian WRC  | 144mm         | 18mm      | 129mm       |
| British WRC   | 144mm         | 18mm      | 129mm       |
| Douglas Fir   | 144mm         | 18mm      | 129mm       |
| Thermowood    | 142mm         | 18mm      | 127mm       |
| Accoya        | 142mm         | 20mm      | 129mm       |

*\*Face width does not allow for expansion gap.*



## Install and fixing guidance

*The following guidance serves as general advice for installing halflap cladding and is not meant to serve as an exhaustive manual. If you are unsure, it is advisable to get the expertise of a qualified professional for the installation process.*

- Halflap cladding is fixed through the face of the board either by hand or with a nail gun. We don't recommend first fix nail guns because the effect can look untidy but it does work and it is quick.
- Begin at the corner, ensuring that the first board is level/straight. Orientate the board so that the shadow gap is facing you and lap that is adjacent to the wall is pointing in the direction of progression.
- It is important to include an expansion gap between boards.
- Insert a single 50mm stainless steel nail located 25 – 30mm above the lower lap. Pre-drill if hand nailing.
- **If using cedar**, we recommend installing this with a second fix nail gun due to the stability of the species. This method is quick and almost invisible.
- Insert one 50mm stainless brad nail through the lap and one through the face 25 – 30mm above the lower lap. Put the nails in at opposing angles.