



TECHNICAL

DATASHEET



www.cdeck.pt
FTFEN040220200117



Designation	Ref.	Colour	Und/Pallet
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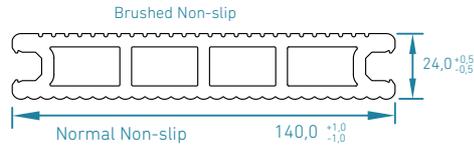
Weight mL - 2,43kg (± 0,2)
Length tolerance -5/+15mm

Hollow Board 2300x140x24 (colour)

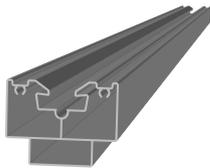
DEU01230

BF-Beech Beige
BR-Rose Beige
CI-Grey
RW-Red Wood
CH-Chocolate
NE-Dark Black

175



Reference item example - Hollow Board 2300x140x24 in Beech Beige: DEU01230BF



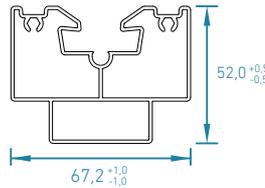
Weight mL - 1,211kg (± 0,2)
Length tolerance -5/+15mm

Quick-fix Joist Alu 2300x67x52 (colour)

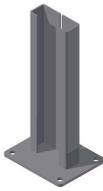
DEU14230

AL-Aluminum
CC-Light Brown
CE-Brown
AN-Anthracite

1



Reference item example - Quick-fix Joist Alu 2300x67x52 in Aluminum: DEU14230AL

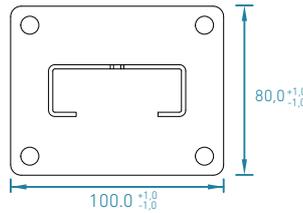


Stainless Steel A2

Stainless Steel Support for Joist 67x52 Box 2

DEC70006IXP

2



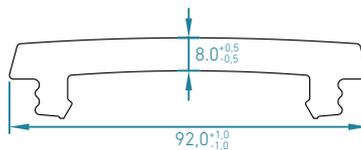
Weight mL - 1,28kg (± 0,2)
Length tolerance -5/+15mm

Fastener 2300x92x8 (colour)

DEU23230

BF-Beech Beige
BR-Rose Beige
CI-Grey
RW-Red Wood
CH-Chocolate
NE-Dark Black

36



Reference item example - Fastener 2300x92x8 in Dark Black: DEU23230NE



Quick-fix Intermediate Clip (colour) Box 100

DEC70001

PRC-Black
CZC-Grey
CAC-Brown

100

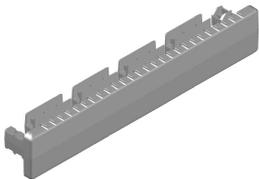
Reference item example - Quick-fix Intermediate Clip Black Box 100: DEC70001PRC



Quick-fix Terminal Clip Box 25

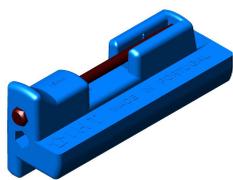
DEC70002PRQ

25

	Designation	Ref.	Colour	Und/Pallet
	Board End Cap 140x24 (colour) Box 25	DEC70005	BF-Beech Beige CI-Grey RW-Red Wood CH-Chocolate NE-Dark Black	25
	Reference item example - Board End Cap in Grey Box 25: DEC70005CIQ			
	Inox Screw 6x60 with Plug Ø8 Sachet 50	DEC80001IXX		50
	Screw PZ3 with Stainless Steel A2			
	Self Drilling Screw 3,5x25 Stainless Steel Sachet 100	DEC80002IXC		100
	Screw PH2 with Stainless Steel A2			
	Glue UHU Poly Max High Tack Express 900gr	DEC81001BC		1
	Poly Max Sausage Gun 900gr	DEC81002PL		1
	Poly Max V-Nozzle Sachet 6	DEC81003PL		6



Designation	Ref.	Colour	Und/Pallet
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CTOOL Tool to Install CDECK/CWALL

DEC90001AZ

1



1/4 Bit with 4mm Slit for CTOOL Sachet 5

DEC90002ACF

5

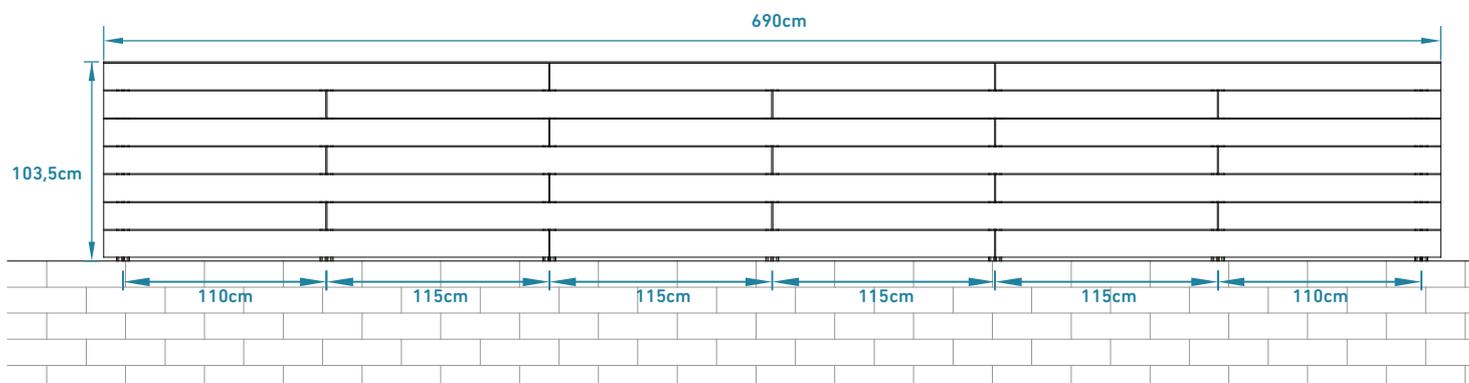


ESTIMATED AMOUNT BY SQ.M

(The amounts given are merely examples, given that, actual needs will depend on the typology of the area and the way the profiles are applied).

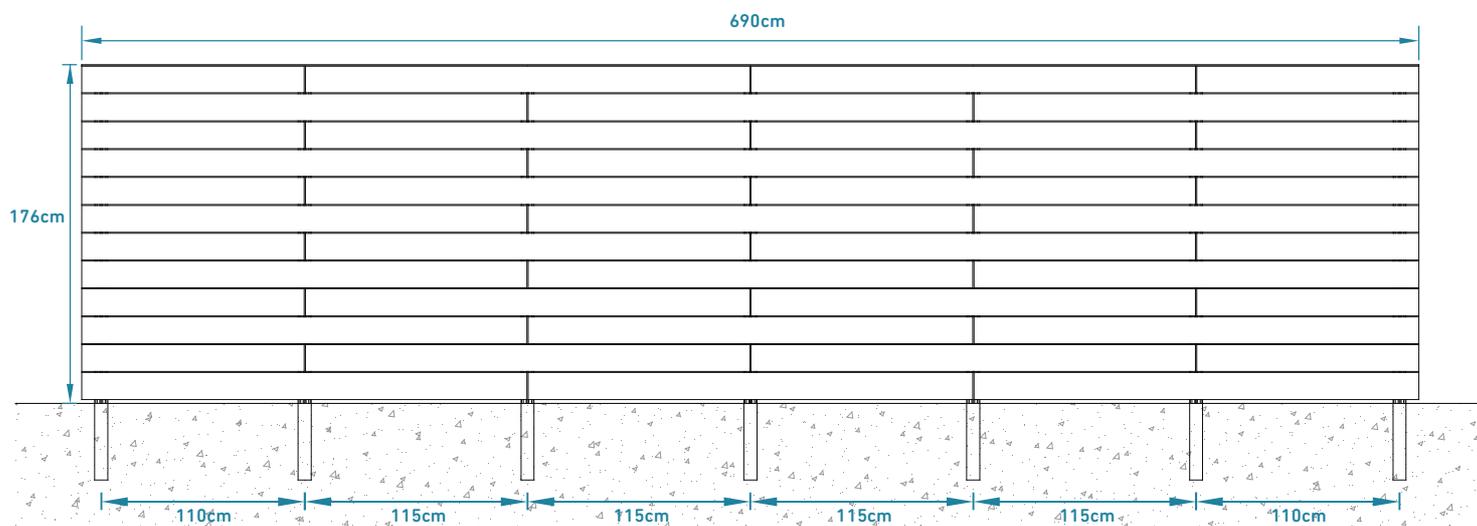
DIRECT CONCRETE FIXING

CODE	PRODUCT	QUANTITY (1,035mx6,90m=7,142 sq.m)	QUANTITY/SQ.M
DEU01230xx	Hollow Board 2300x140x24 (colour)	21 Und	≈ 3,00 Und/sq.m
DEU14230xx	Quick-fix Joist Alu 2300x67x52 (colour)	3,5 Und	≈ 0,49 Und/sq.m
DEU23230xx	Fastener 2300x92x8 (colour)	3 Und	≈ 0,42 Und/sq.m
DEC70001xxx	Quick-fix Intermediate Clip (colour) Box 100	42 Und - 0,42 Box	≈ 5,88 Und/sq.m - 0,06 Box/sq.m
DEC70002PRQ	Quick-fix Terminal Clip Box 25	14 Und - 0,56 Box	≈ 1,96 Und/sq.m - 0,08 Box/sq.m
DEC80001IXX	Inox Screw 6x60 Whith Plug Ø8 Sachet 50	28 Und - 0,56 Box	≈ 3,92 Und/sq.m - 0,08 Box/sq.m
DEC70006IXP	Stainless Steel Support for Joist 67x52 Box 2	7 Und - 3,5 Box	≈ 0,98 Und/sq.m - 0,49 Box/sq.m



DIRECT CONCRETE FIXING OR GROUND FIXING WITH CONCRETE SOLID BLOCK

CODE	PRODUCT	QUANTITY (1,76mx6,90m=12,144 sq.m)	QUANTITY/SQ.M
DEU01230xx	Hollow Board 2300x140x24 (colour)	36 Und	≈ 3,00 Und/sq.m
DEU14230xx	Quick-fix Joist Alu 2300x67x52 (colour)	7 Und	≈ 0,58 Und/sq.m
DEU23230xx	Fastener 2300x92x8 (colour)	3 Und	≈ 0,25 Und/sq.m
DEC70001xxx	Quick-fix Intermediate Clip (colour) Box 100	77 Und - 0,77 Box	≈ 6,34 Und/sq.m - 0,07 Box/sq.m
DEC70002PRQ	Quick-fix Terminal Clip Box 25	14 Und - 0,56 Box	≈ 1,16 Und/sq.m - 0,05 Box/sq.m





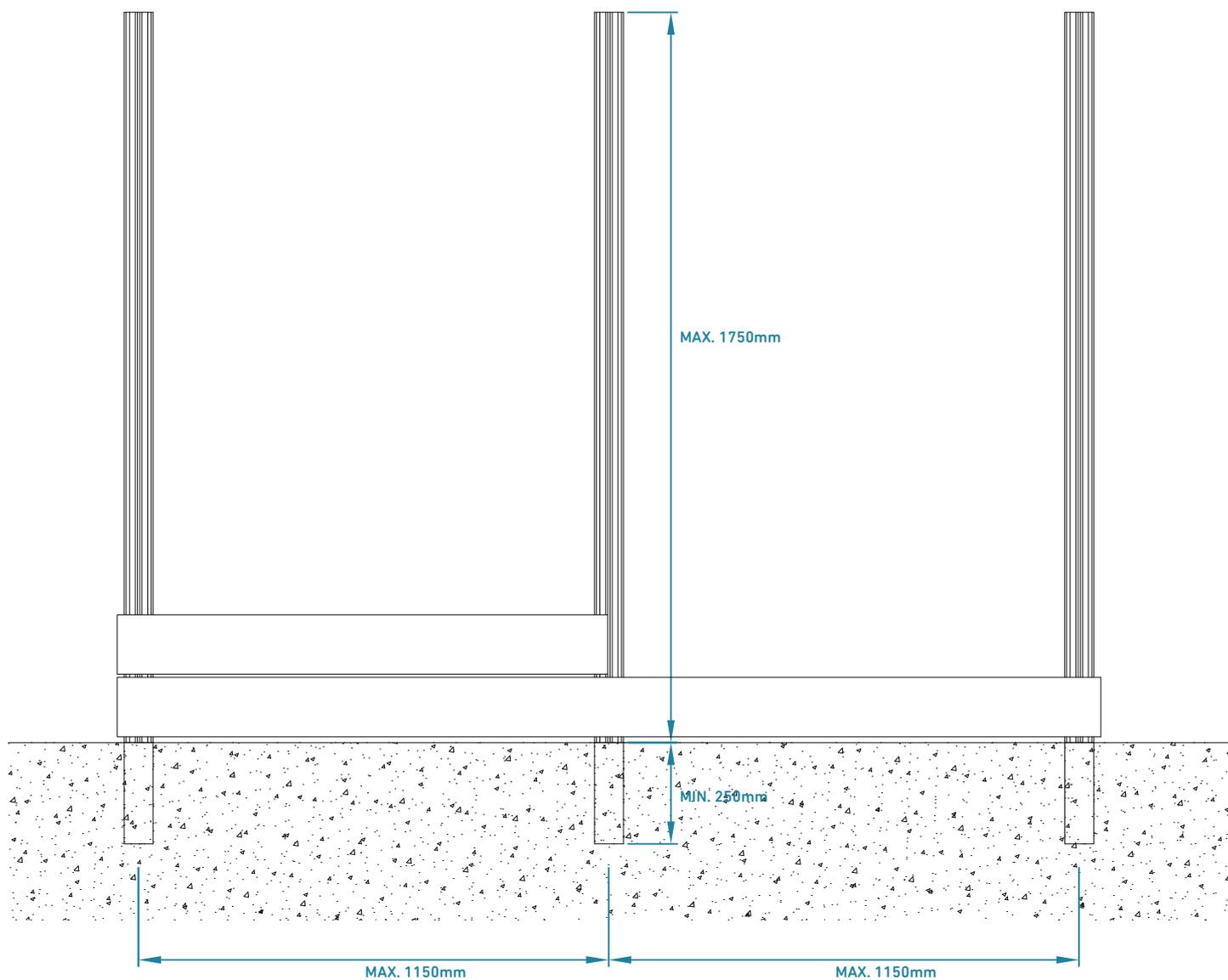
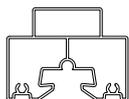
1. GENERAL RULES

- Items from the CFENCE range should be stored on a flat surface, and the items should be protected from direct exposure to sunlight, rain, snow, and other adverse climatic conditions.
- The WPC profiles (e.g.: Boards) should remain on site for at least 48 hours before being fitted, so that the material can adapt to the climatic conditions.
- Due to the fact that the base material (WPC) includes wood, there may be small differences of colour between profiles. It is therefore advisable to have a varied distribution of profiles, to cater for these natural discrepancies.
- Before starting the installation you should always check that you have the latest version of the installation manual.
- In large areas, the installation of the CFENCE should be carried out in different phases, consisting of no more than 100 sq.m per phase.
- CFENCE flooring should not be installed in extreme weather conditions, such as temperature below 5 °C, relative humidity above 90%, snow, etc.
- The CFENCE profiles are not structural profiles, and should not be installed as suspended constructions.
- The CFENCE range is a floating sealing range, so its boards should never be screwed to the base or fastened to any items other than those listed in this manual.
- The installation of CFENCE profiles should be carried out in such a way as to ensure no water is accumulated in any parts, particularly inside the boards.
- If you have any different needs that are not covered by this manual, you should contact IHT to obtain additional instructions.
- Regardless of the application, it must be ensured that the CFENCE boards are not in contact with the ground or with other moisture-enhancing agents, such as: the grass.

2. FASTENER THE QUICK-FIX JOIST

2.1 DIRECT CONCRETE FIXING

DEU14230xx



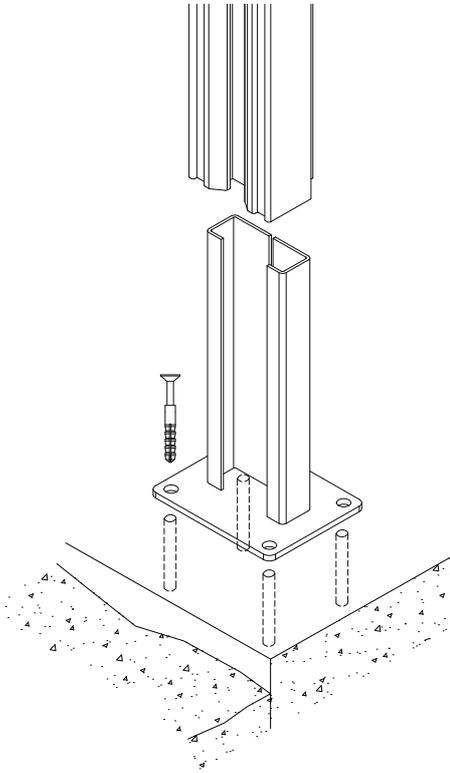
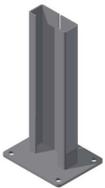
2.2 FIXING IN CONCRETE WITH SUPPORTS

2.2.1

DEC80001IXX



DEC70006IXP

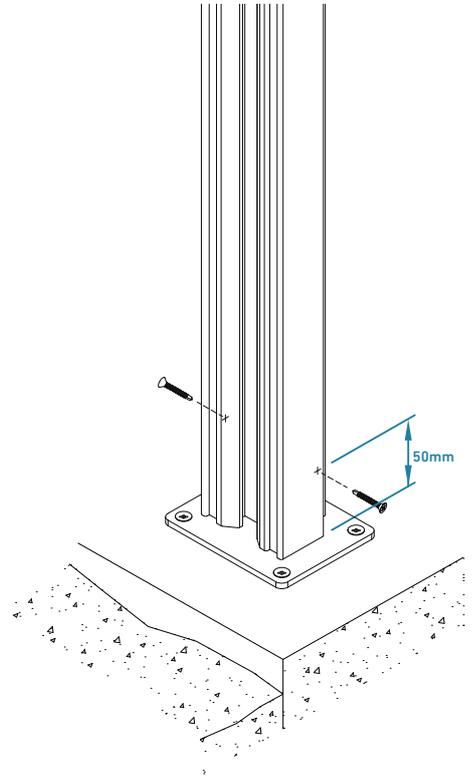
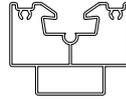


2.2.2

DEC80002IXC

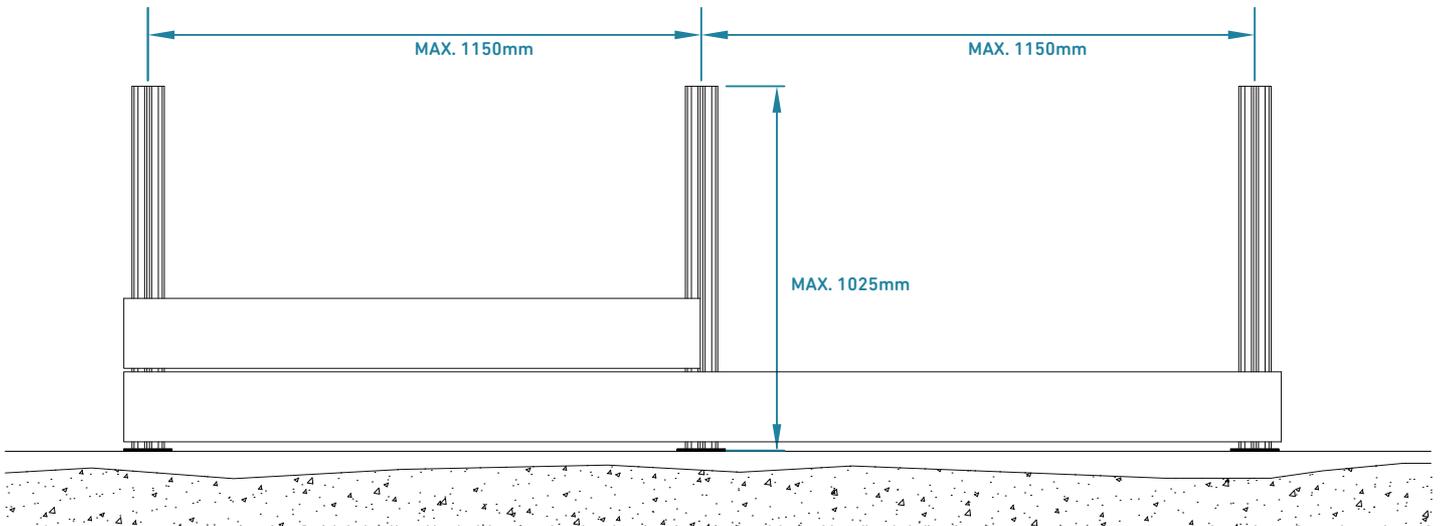


DEU14230AL



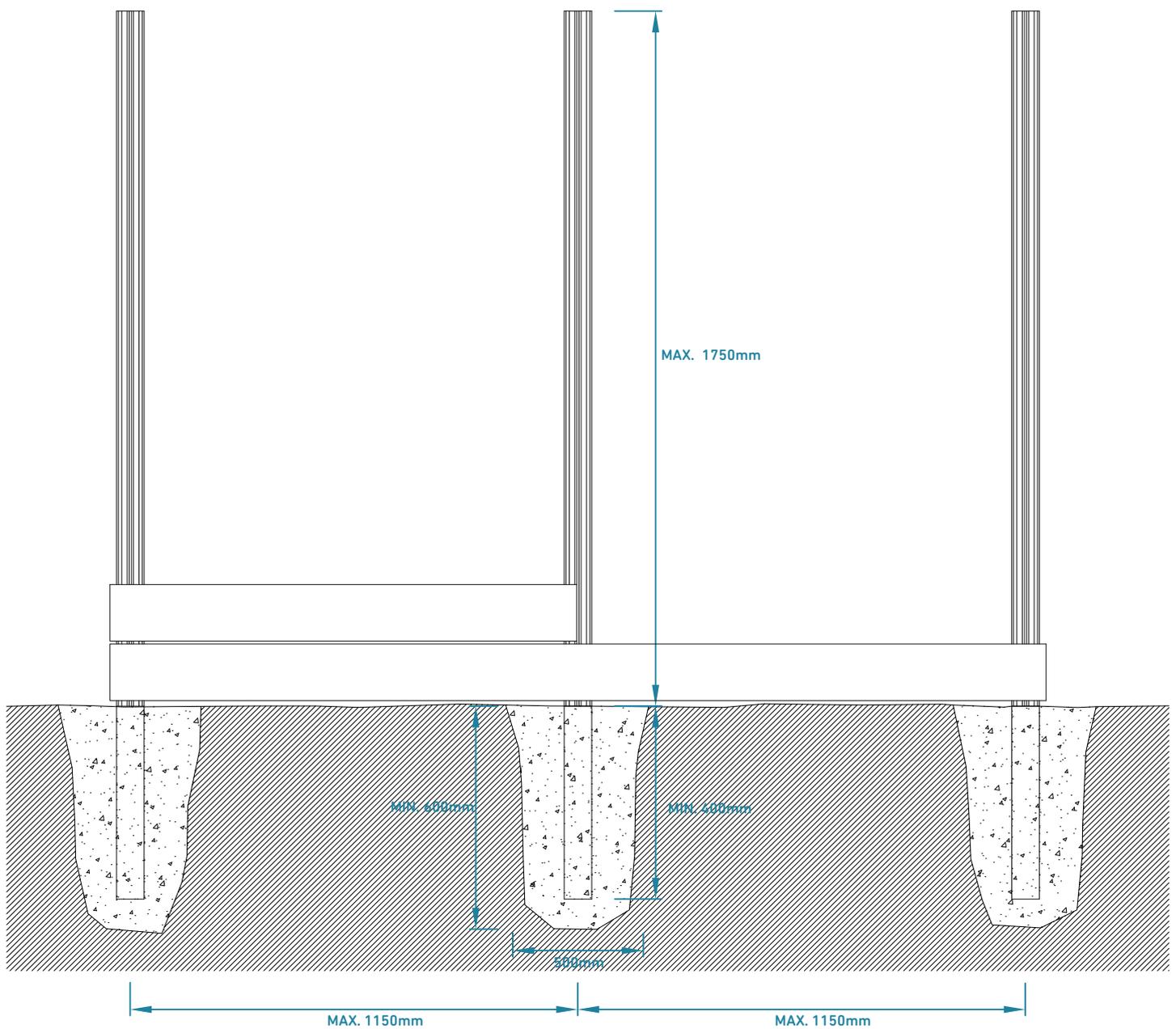
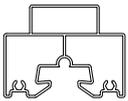
The installation surface should be completely flat and stable (e.g. 10 - 15 cm of solid concrete).

2.2.3



2.3 DIRECT GROUND FIXING WITH CONCRETE SOLID BLOCK

DEU14230xx



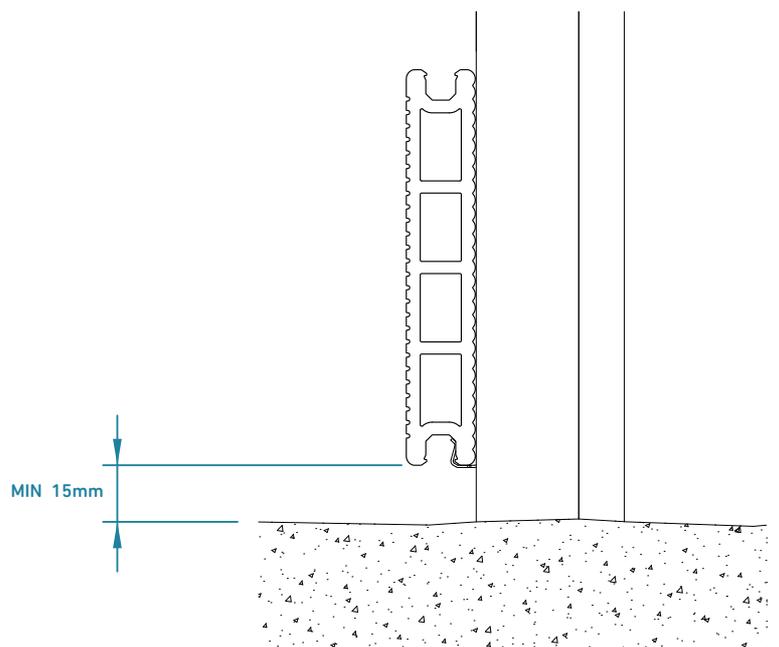
Open pits for foundation and secure the pillars with concrete

3. FASTENING THE CFENCE BOARDS

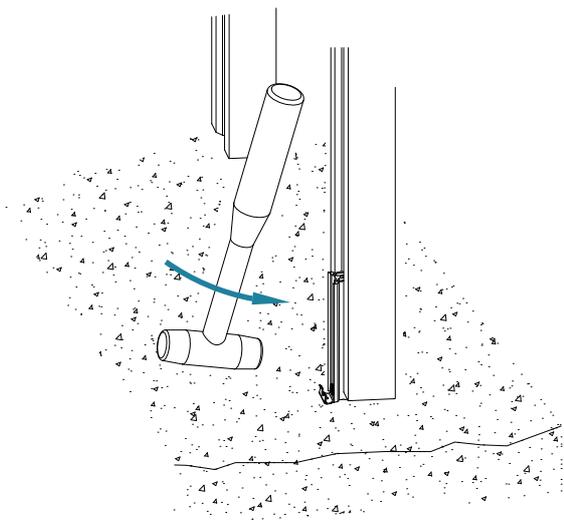
3.1



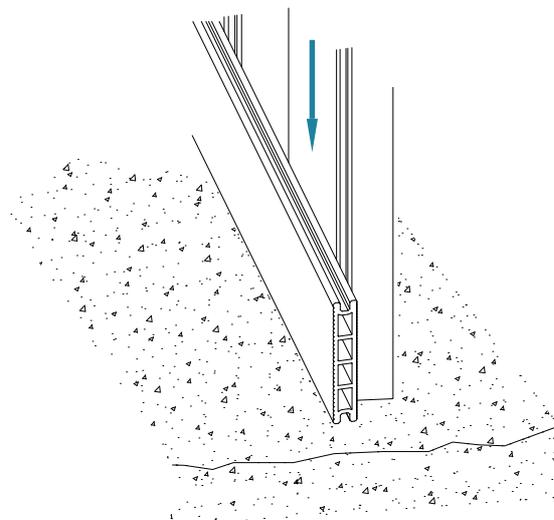
The minimum distance to the ground must always be guaranteed, regardless of the fixation base or system adopted.



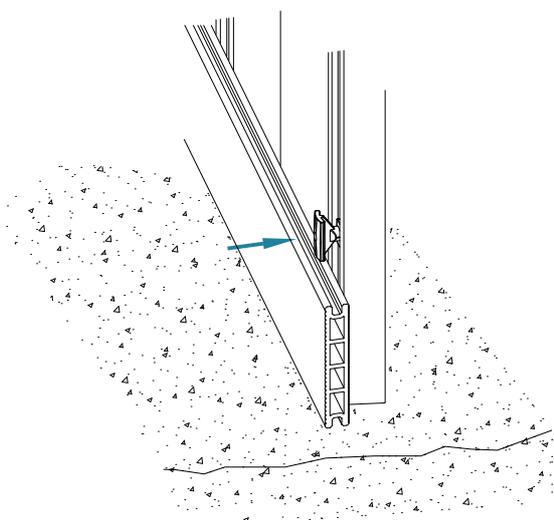
3.2



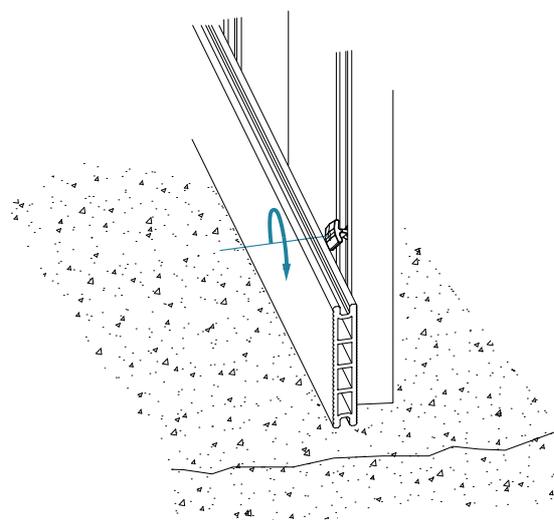
3.3



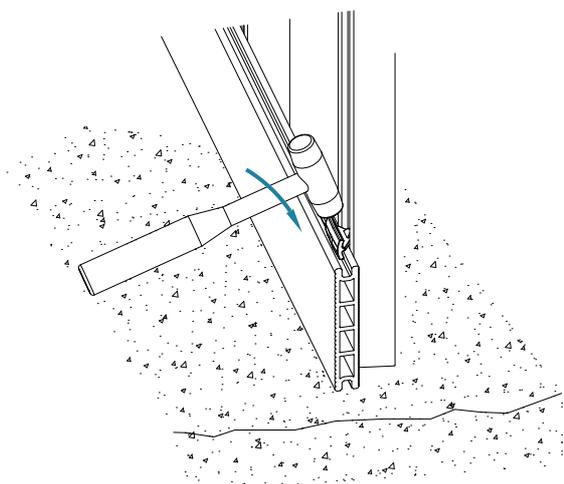
3.4



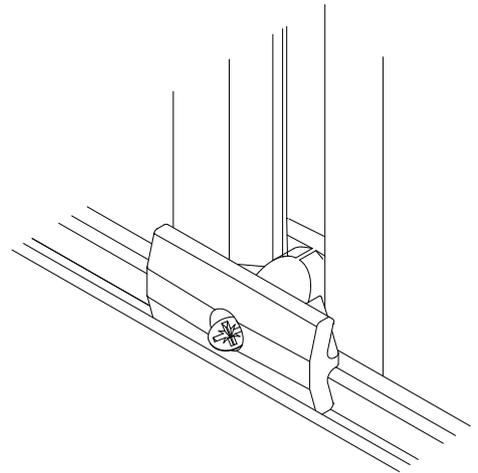
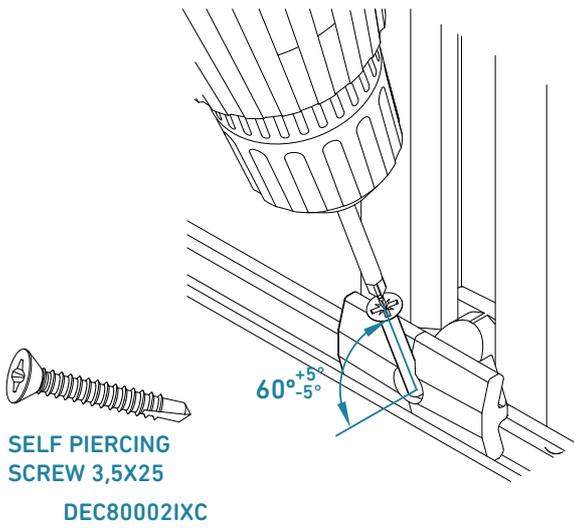
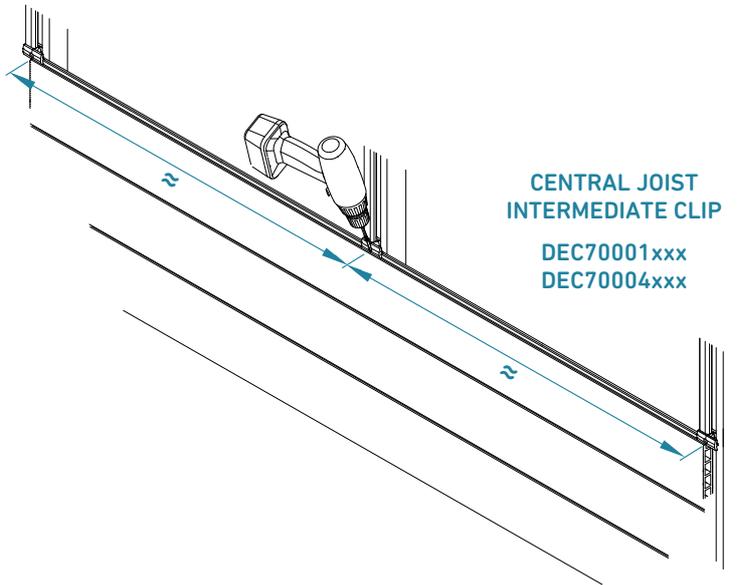
3.5



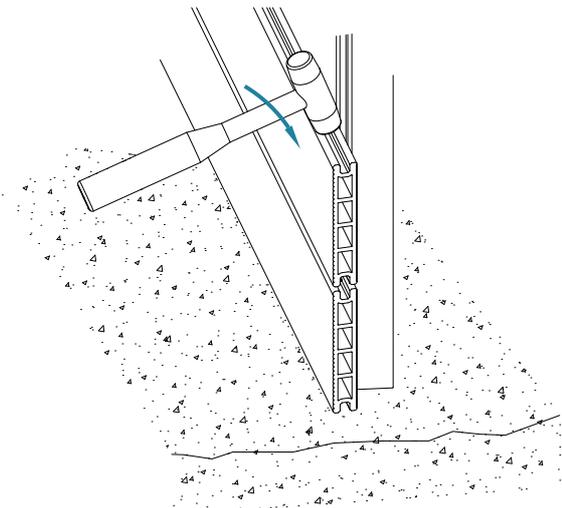
3.6



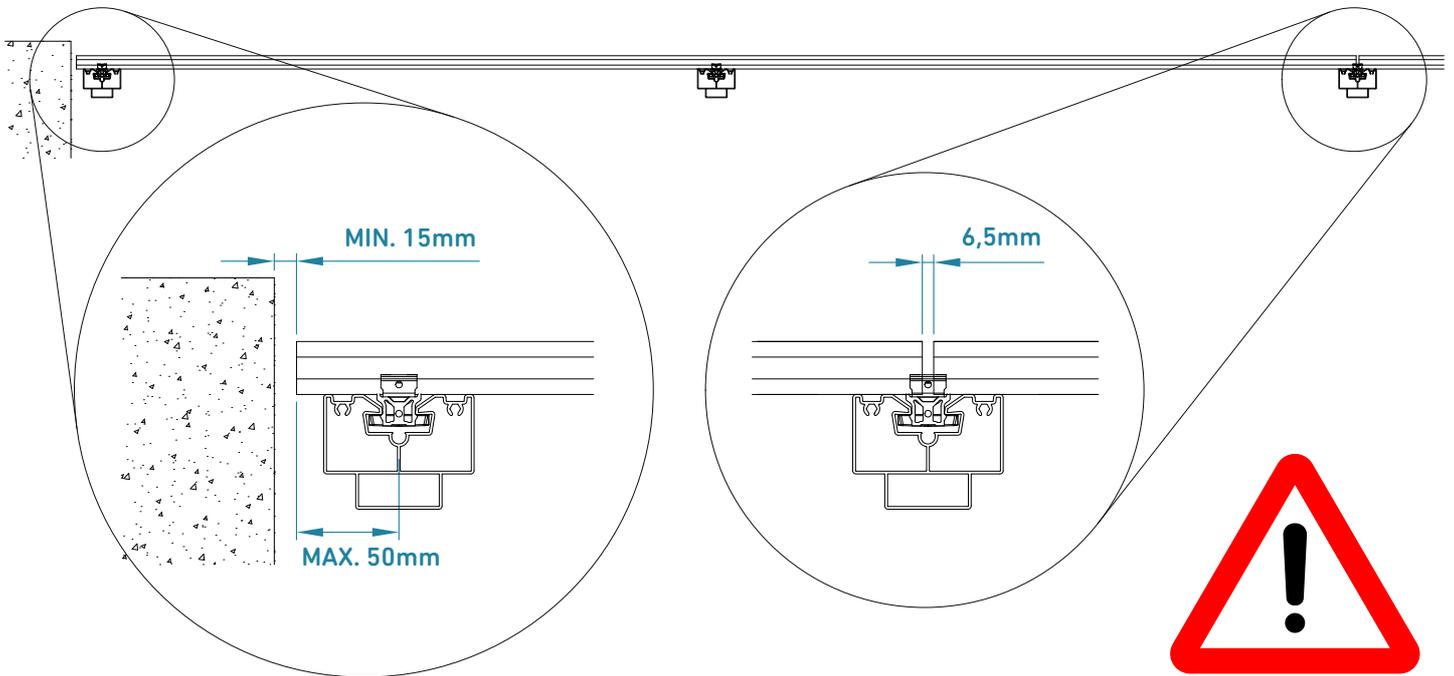
3.7 FASTENING THE BOARD IN THE CENTRAL JOIST (TO AVOID SLIPPAGE)



3.8

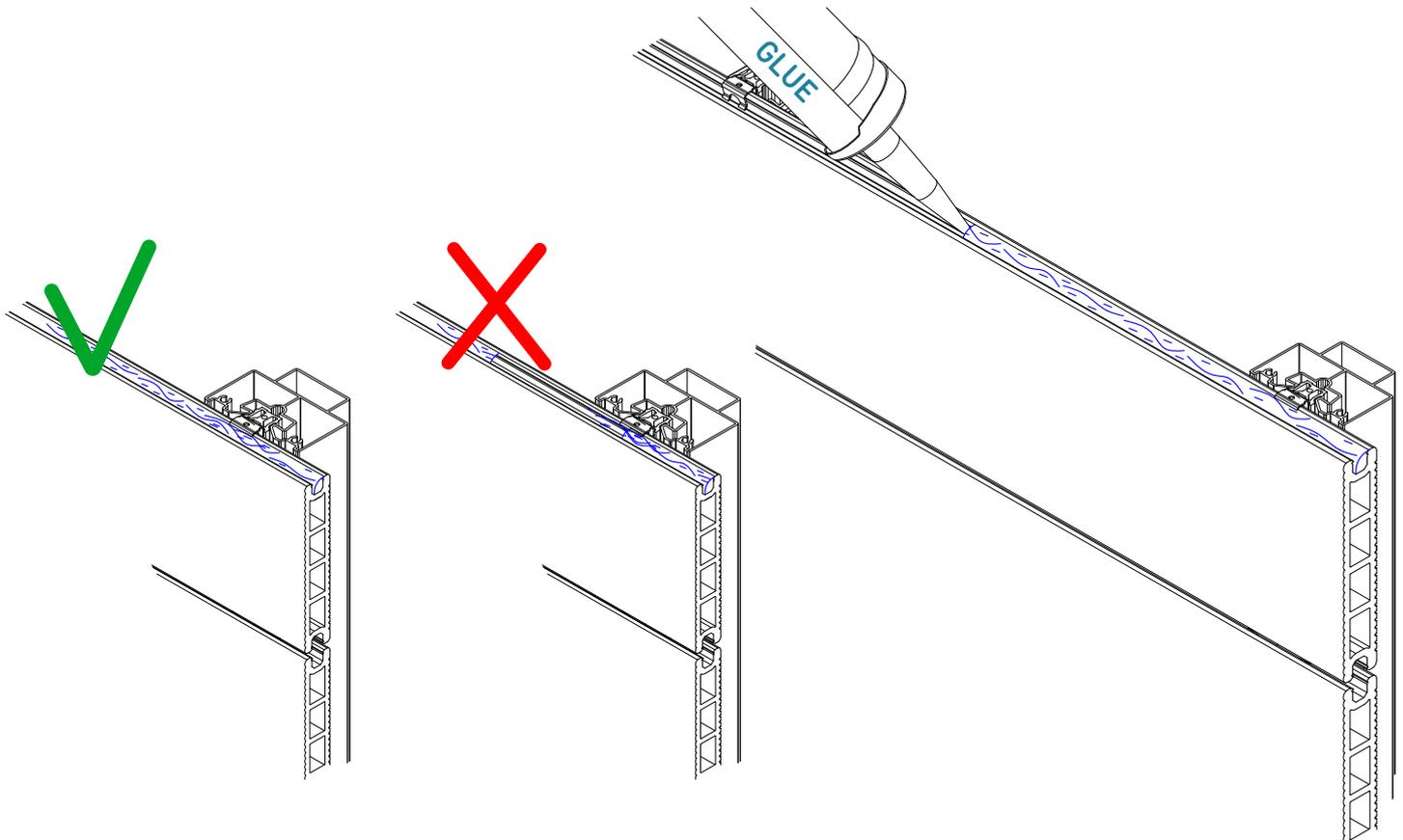


3.9

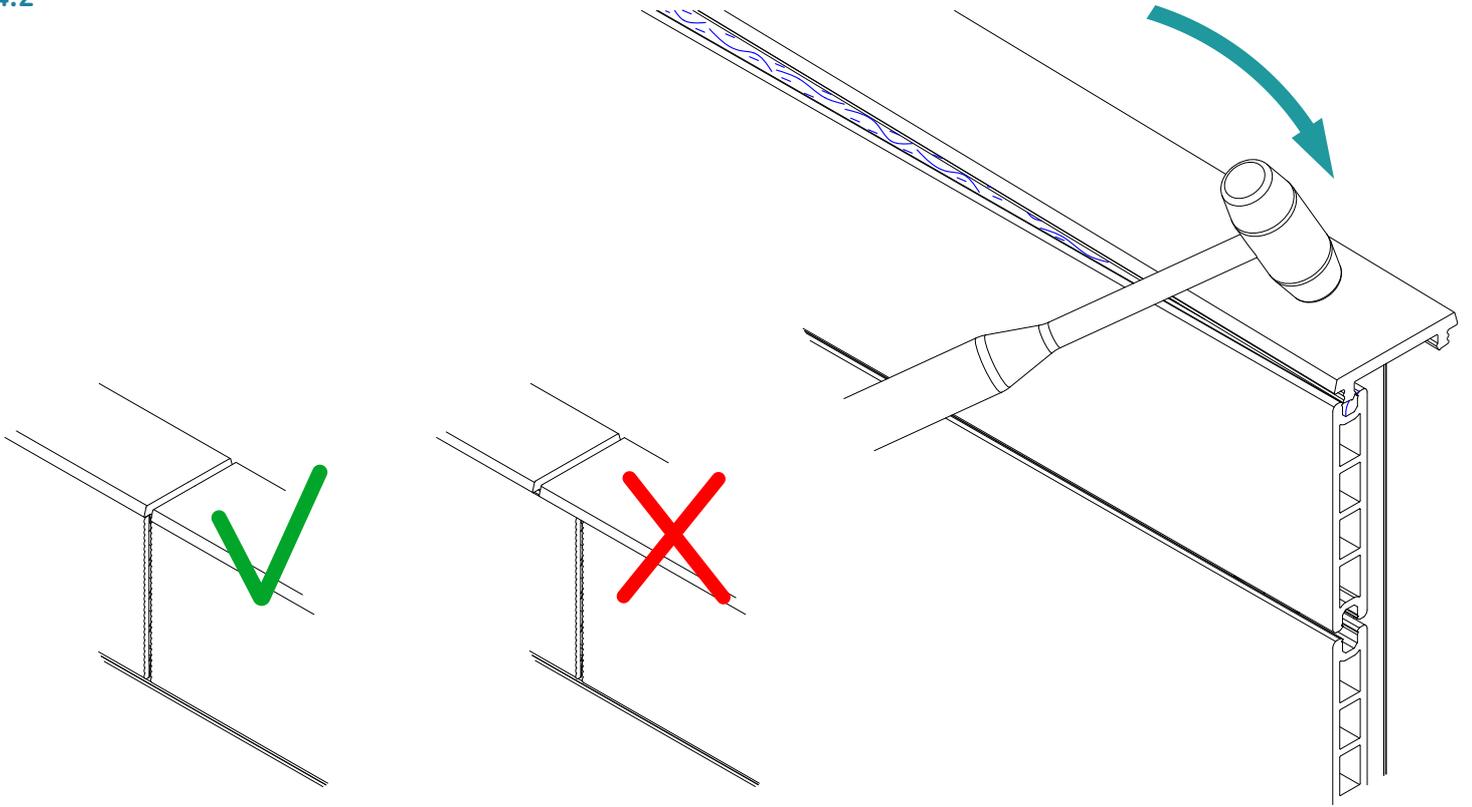


4. FIXATION OF THE DUAL FASTENER CFENCE

4.1

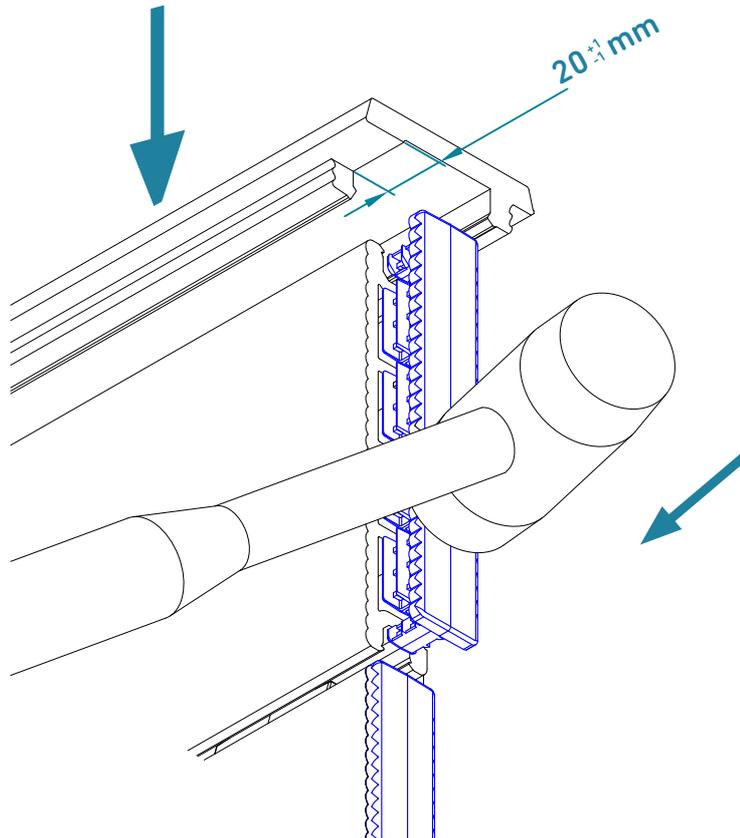


4.2



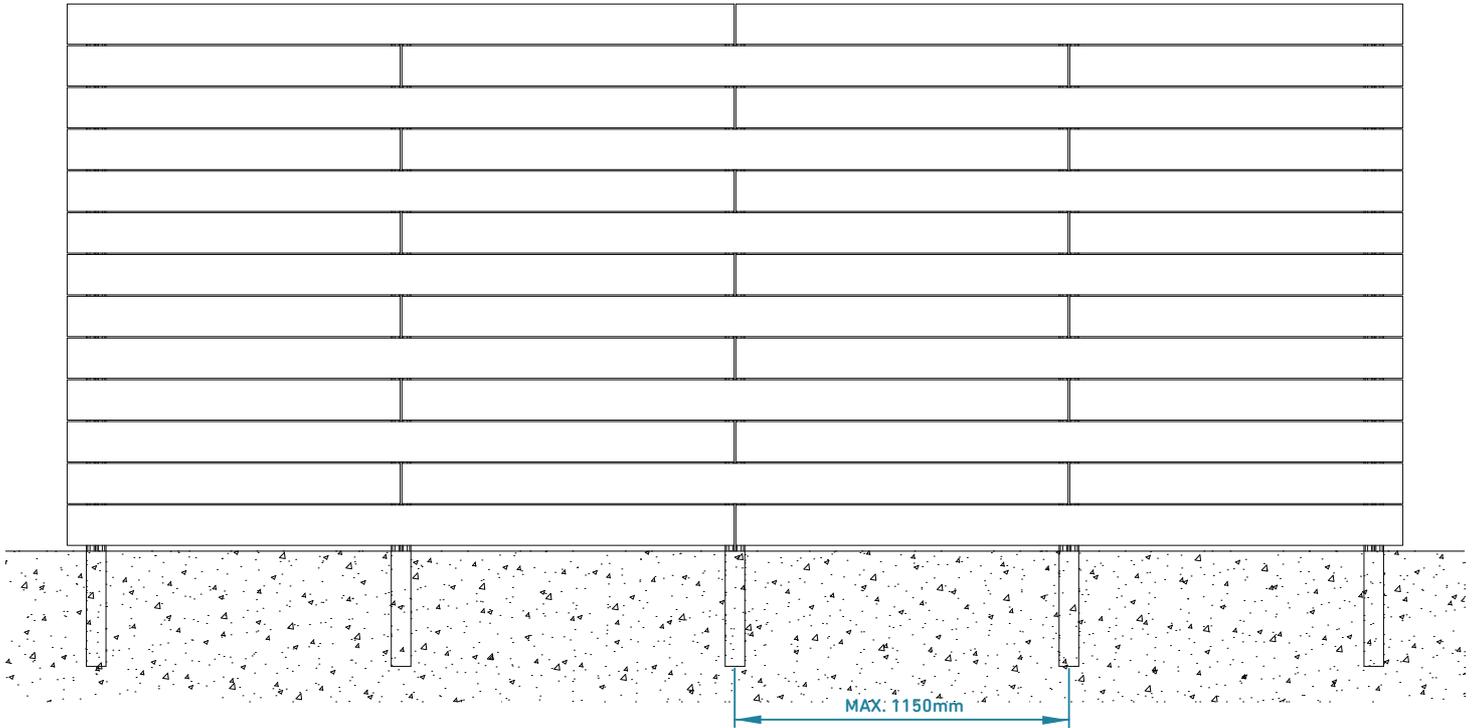
5. BOARD END CAP ASSEMBLY

5.1

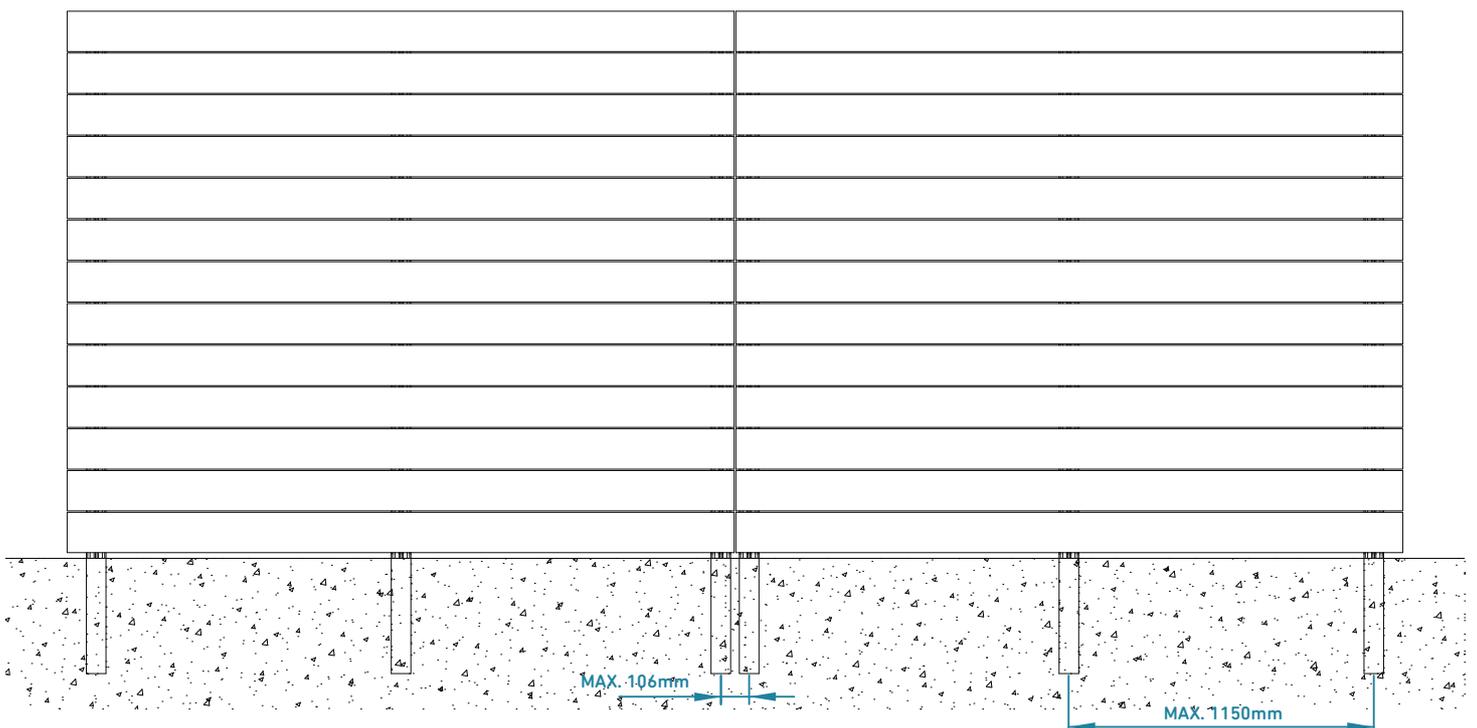


6. RECOMMENDED APPLICATION TYPES

6.1 LAGGED ASSEMBLY

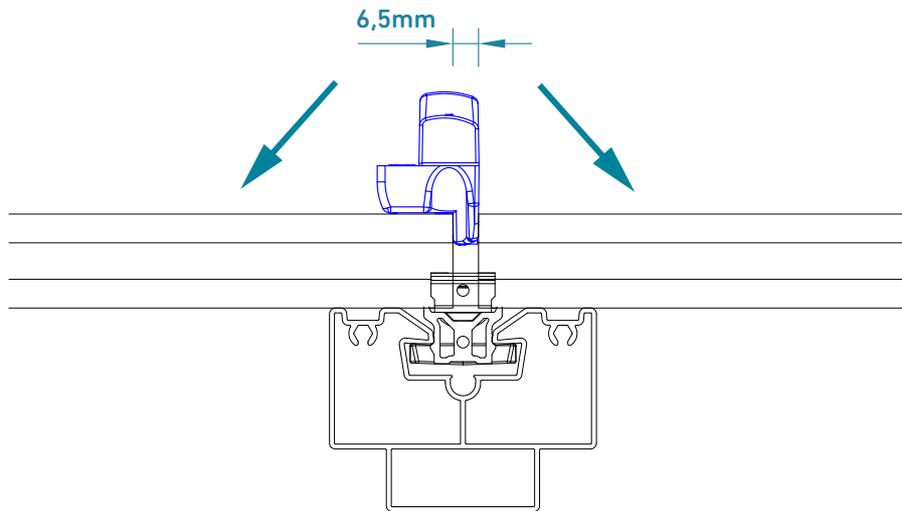


6.2 ALIGNED

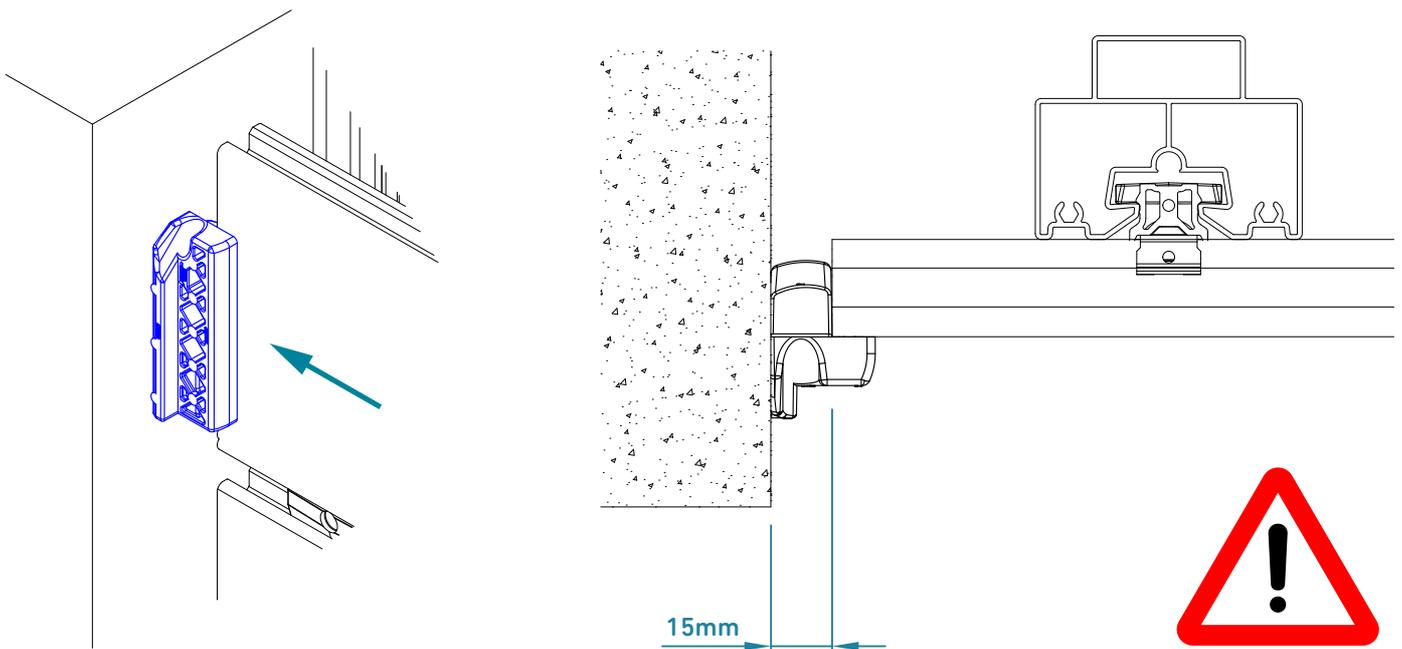


7. USING THE CTOOL TOOL

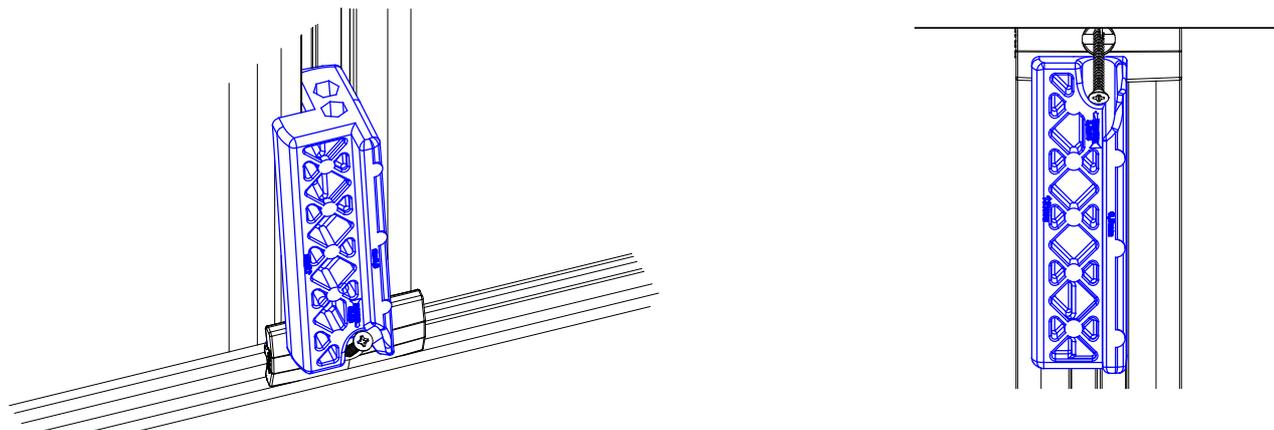
7.1 CLEARANCE BETWEEN THE TOP OF THE BOARDS



7.2 CLEARANCE FROM THE FIXED ELEMENTS



7.3 POSITIONING OF THE BOARDS CENTRAL CLAMPING SCREW



8. CFENCE MAINTENANCE

8.1 INITIAL MAINTENANCE

During fitting, it is common to produce a lot of dust, so we recommend the deck to be thoroughly cleaned with water, mild detergent and a soft brush. You can use a garden hose or a high pressure apparatus (at a minimum distance of 30 cm and a maximum pressure of 150 bar), always washing the boards in the direction of the grooves.

8.2 REGULAR MAINTENANCE

The composite CFENCE is easy to maintain. However, it still needs regular cleaning.

As with any covering made of wood, synthetic materials, stone, etc., the CFENCE may also show signs of moss, due to a set of external factors, particularly in extremely humid environments, with little exposure to sun and where there is a tendency for large amounts of dust to collect. Given this, it is recommended that the system is regularly cleaned to keep it looking good and to ensure that waste does not remain permanently. For best results, use a pressure machine and the indicated solution (at a distance of 30 cm and a maximum pressure of 150 bar). The jet must be applied along the length of the boards.

After installation, you should avoid moving heavy and/or sharp objects over the boards. If this happens, it is natural for scratches to appear. However, these will tend to disappear as the colour of the scratched areas stabilises.

For more persistent stains, caused by the fall of products onto the boards, act immediately so as to minimise the absorption of these products into the wooden fibres, by washing the boards with a chlorine solution (with a little bleach), and rubbing with a steel wool pad along the length of the boards. If you can not remove stains or stains through this process, you can brush the boards with a wire brush or sandpaper. Although this action will cause a colour difference in the brush area, this difference will disappear as the colour stabilises.

8.3 GENERAL ASPECTS

The CFENCE is a semi-natural product, so that the variations in colour and texture are likely to appear over time. During the first months after outdoor fitting, the colour will gradually change until it stabilises. The boards will take on a final colour which is lighter and more natural than the original colour, due to the absorption of water by the wooden fibres. Once stabilised, colour and texture remain virtually unchanged.

Under certain conditions, static electricity may be formed. This is a natural phenomenon due to the fact that the CFENCE includes thermoplastic. However, it will tend to disappear once the texture stabilises.