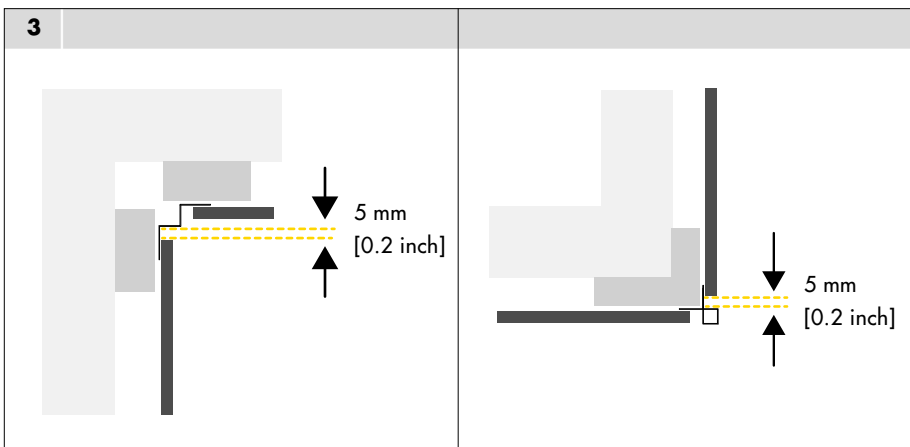
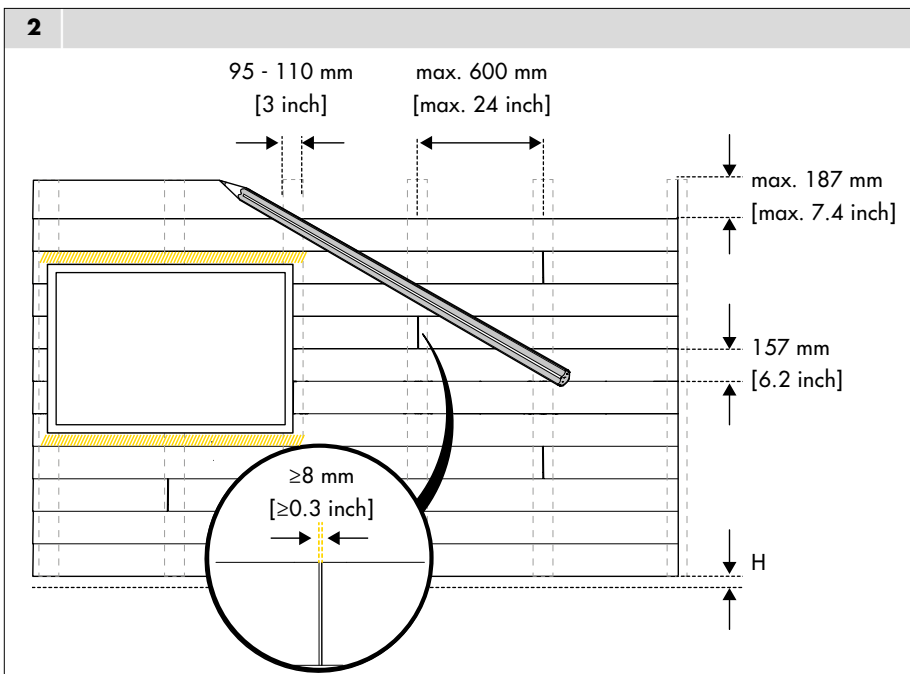
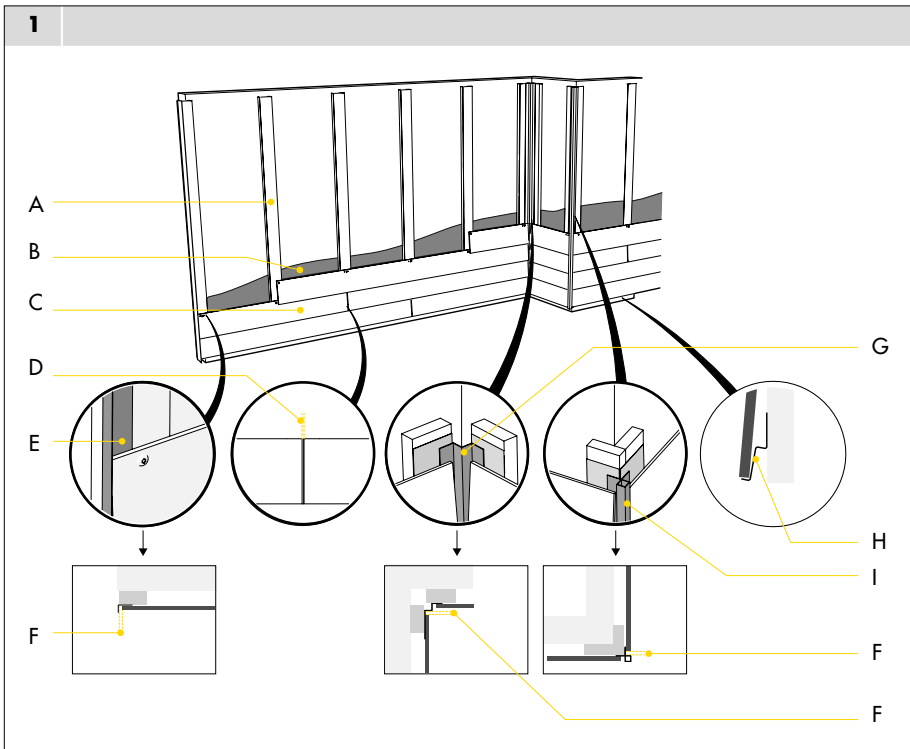
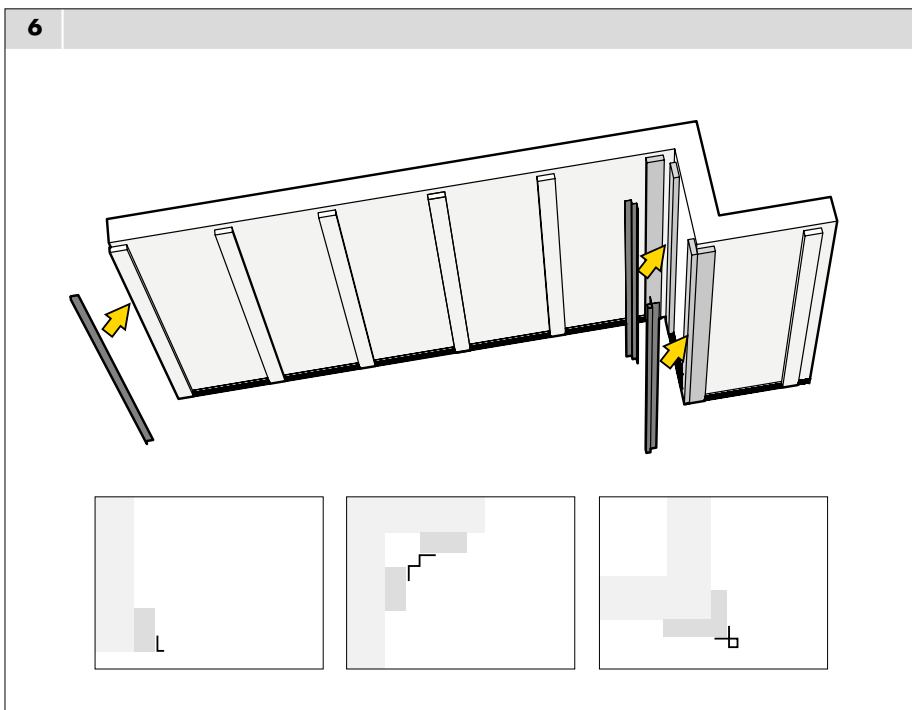
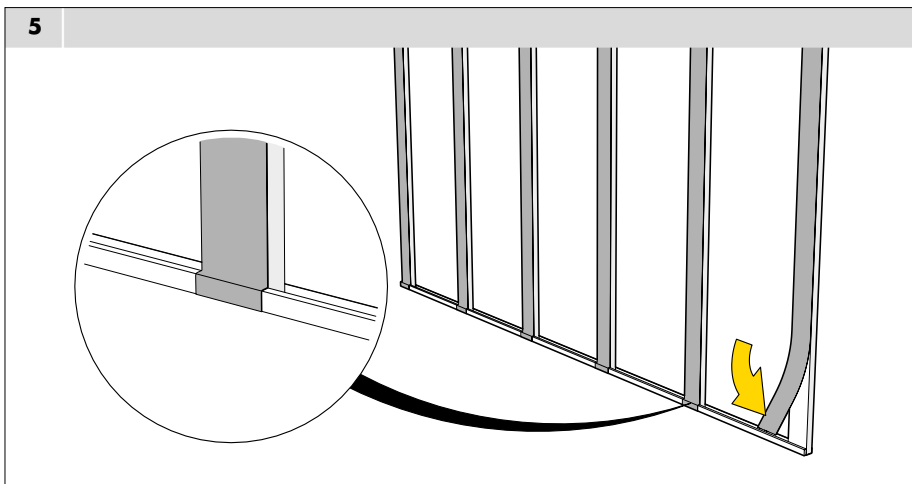
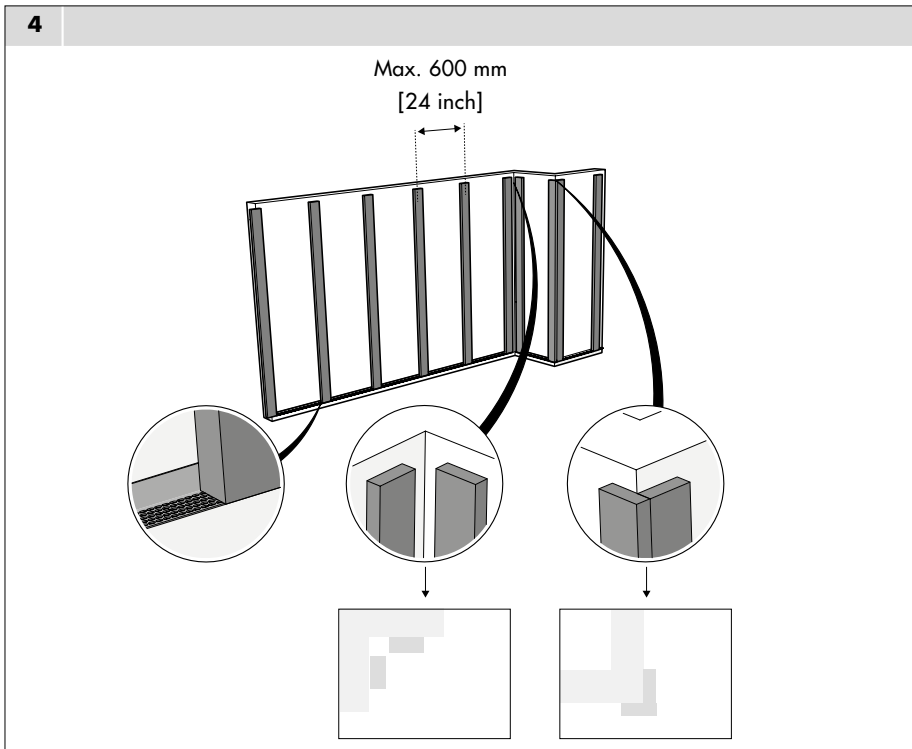


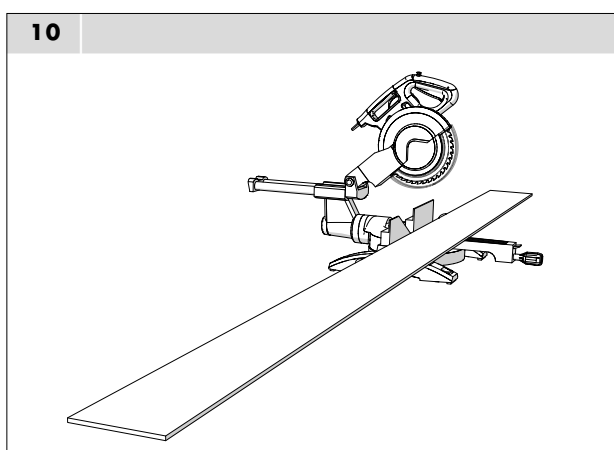
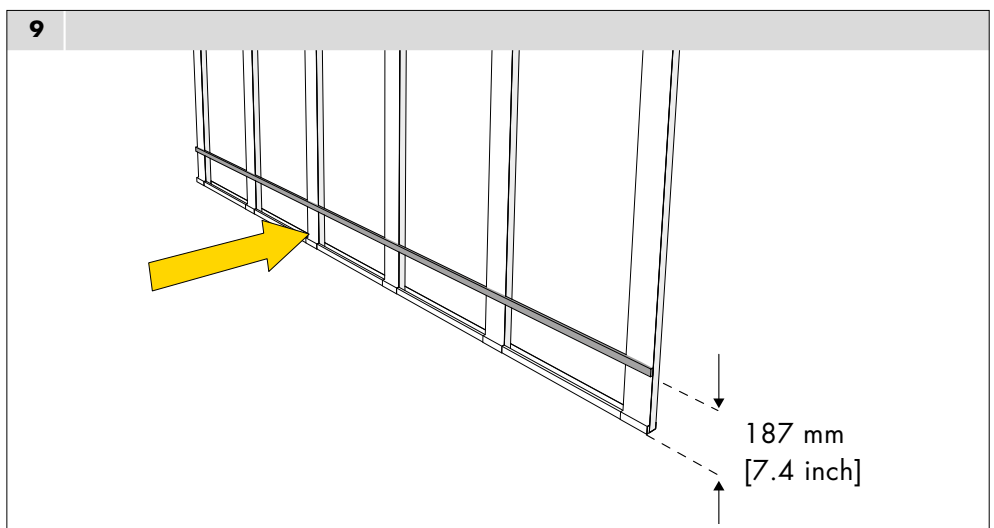
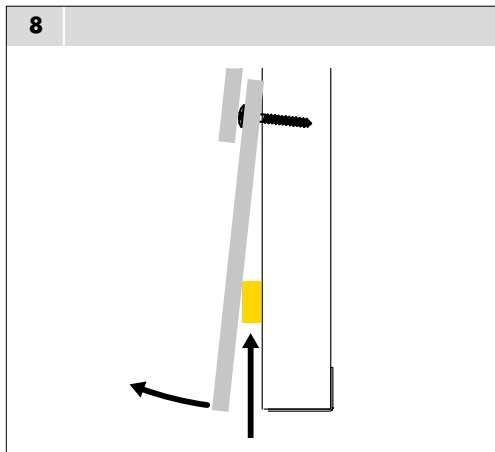
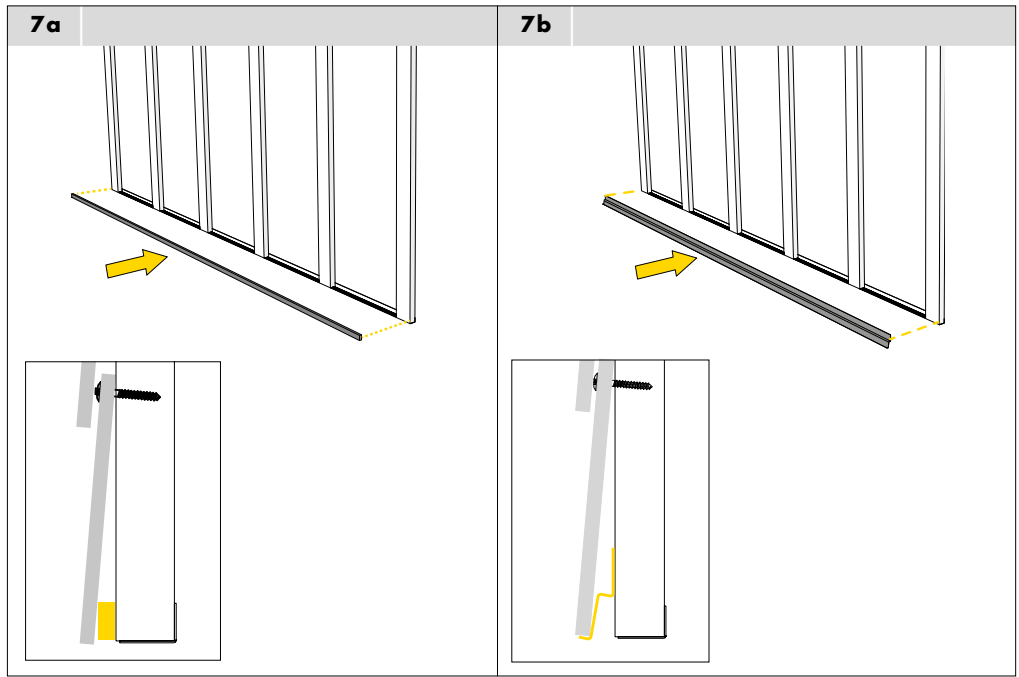
Lap sidings

# INSTALLATION MANUAL

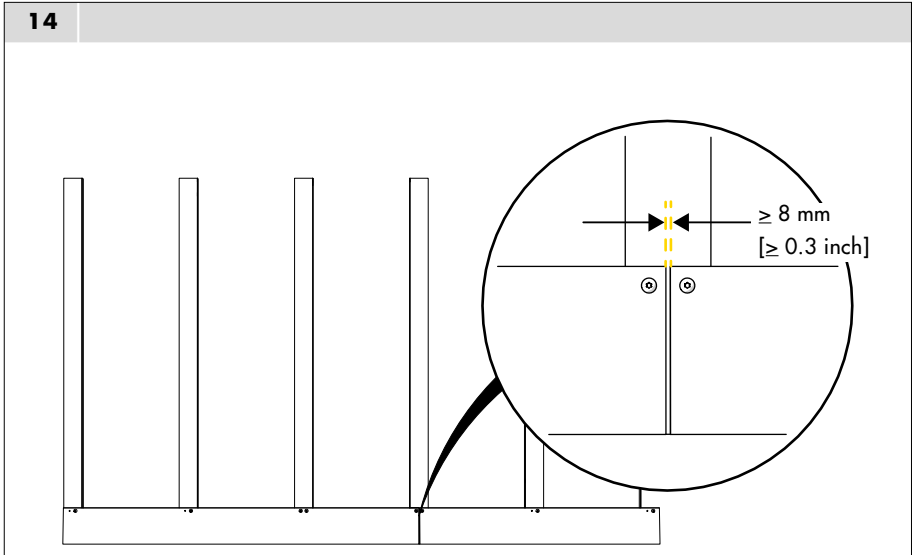
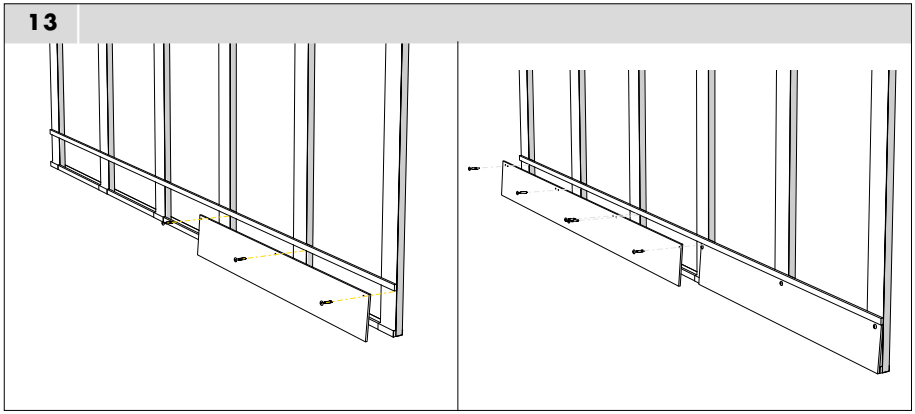
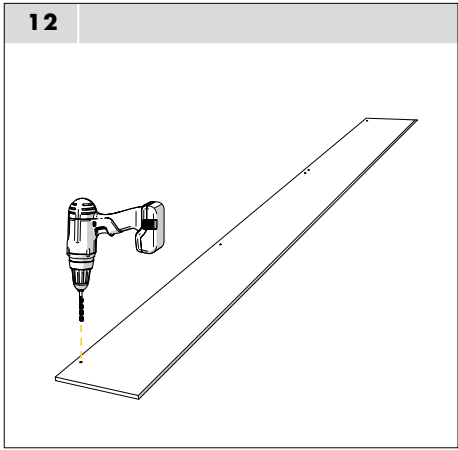
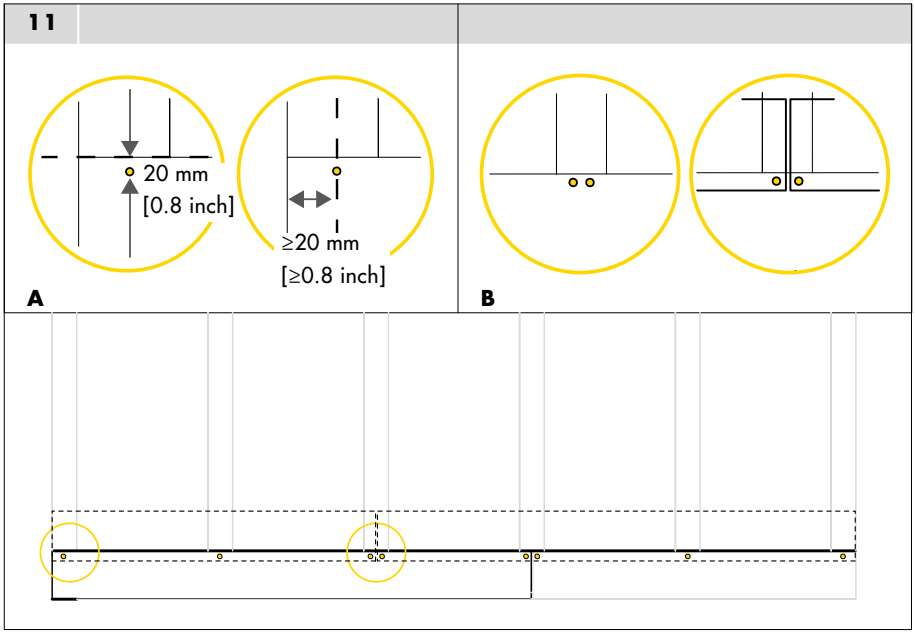


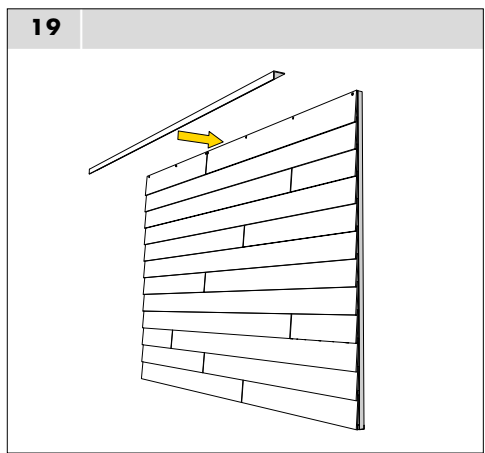
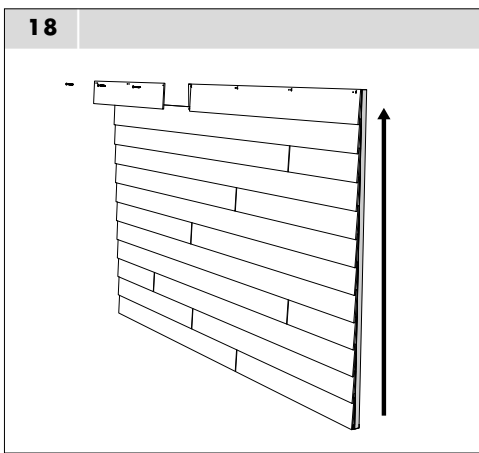
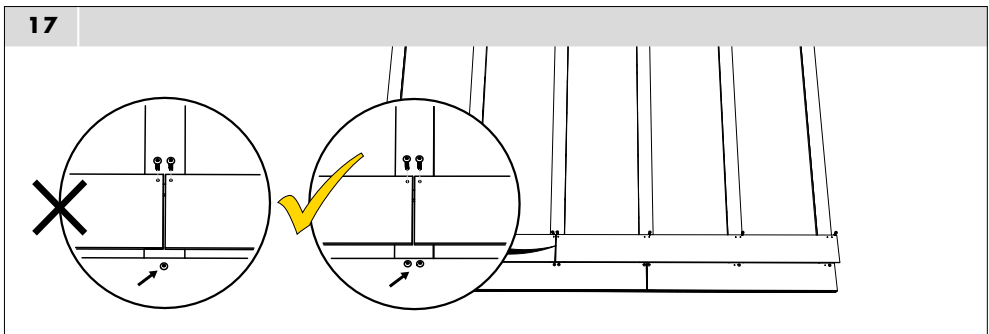
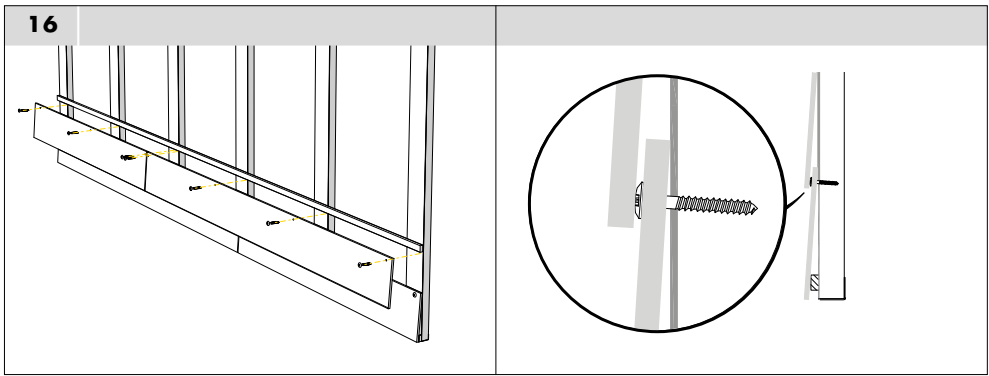
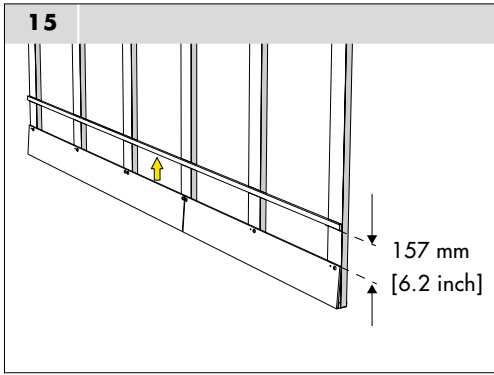
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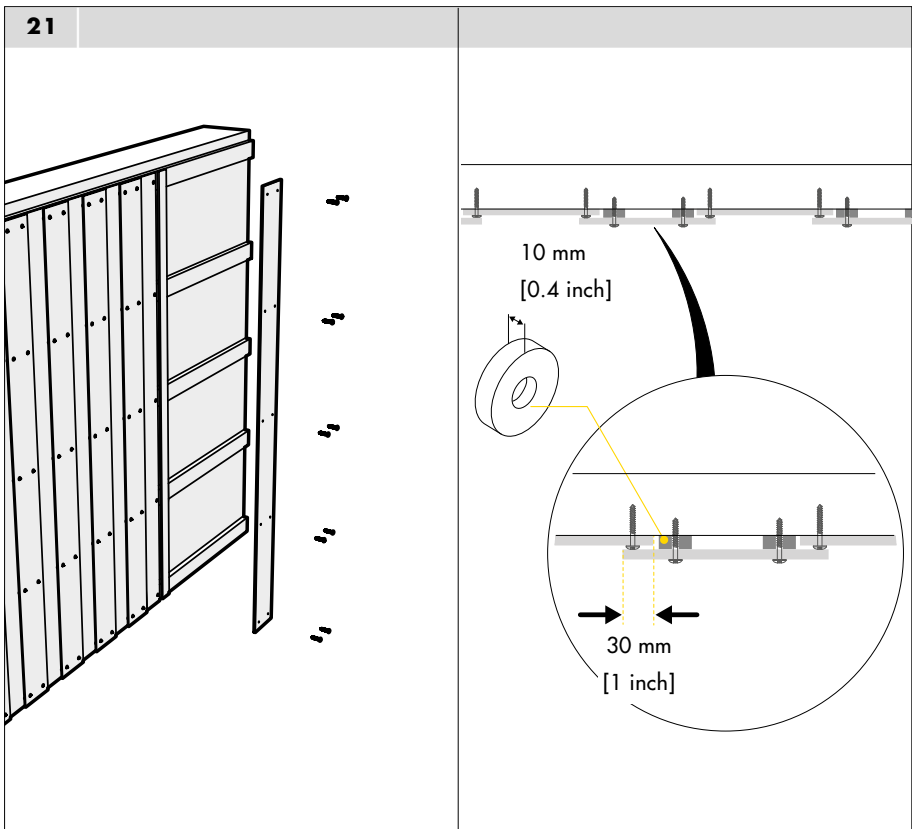
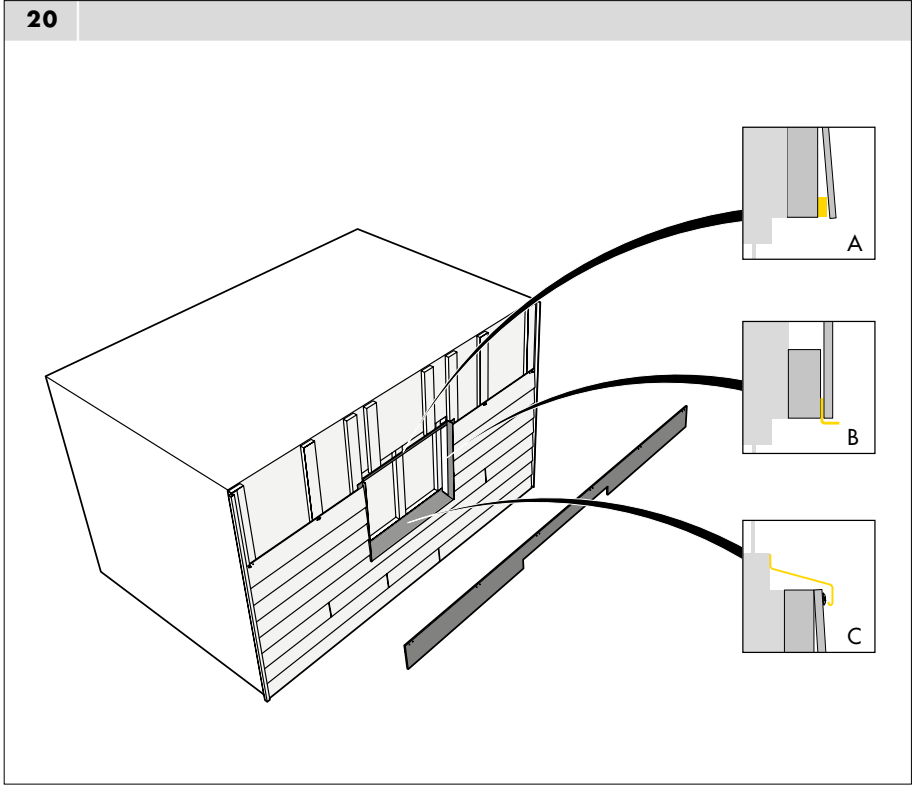


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**FOREWORD**

## INSTALLATION MANUAL FOR THE PROFESSIONAL INSTALLER

Dear customer,

Congratulations on your purchase of this Trespa Pura NFC® product.

This Trespa Pura NFC® constitutes part of the Trespa Pura NFC® Lap siding System. These instructions describe how you can use the Trespa Pura NFC® Lap siding System. The other components which constitute part of the Trespa Pura NFC® Lap siding System must be purchased separately. There is a summary of the components in Chapter 1.

The information from these instructions is important for proper and safe use of the product. We recommend that you thoroughly review this information, before you start to work with the product.

Keep these instructions.

**INTENDED USE**

Trespa Pura NFC® is intended to clad façades.  
Trespa Pura NFC® is intended for the professional installer.

The user must be aware of the local building regulations.  
For current product/technical information see [www.trespa.info](http://www.trespa.info).

**⚠ WARNING**

Any use other than the intended use described above is considered unintended use.

This document is intended to provide general recommendations only. Trespa provides these guidelines and all testing, code and design data for informational purposes only and strongly advises that the customer, project owner and architect seek independent advice from a certified construction professional and/or engineer regarding application and installation as well as compliance with design requirements, applicable codes, laws and regulations, and test standards. Please check your local codes and applicable design requirements for proper use.

**SYMBOLS IN THE INSTRUCTIONS****Safety symbols:****⚠ WARNING**

In some cases the user may (seriously) injure himself/herself or seriously damage the product. A warning indicates which damage may occur if the user does not carry out the procedure carefully.

**⚠ CAUTION**

The product may be at risk. "Caution" indicates damage to the product if the user does not perform the procedures carefully.

**NOTICE**

This is a comment with additional information for the user. A comment alerts the user to potential problems.



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## IMPORTANT TERMS USED IN THESE INSTRUCTIONS

SEE **IMAGE 1** Overview drawing Trespa Pura NFC® Lap siding System.

- A Vertical furring
  - B Building paper (if applicable)
  - C Lap siding
  - D Intermediate joint
  - E Lap siding finish profile
  - F Start joint / Finish joint
  - G Lap siding inner-corner profile
  - H Lap siding start profile
  - I Lap siding outer-corner profile
-

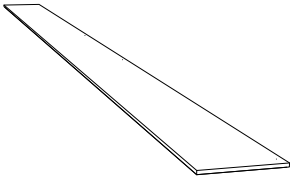
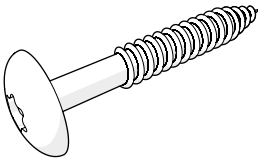
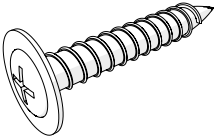
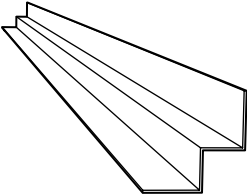
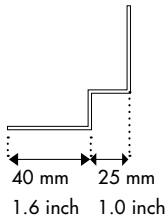
**GET RESULTS IN FOUR SIMPLE STEPS**

YOU CAN CLAD YOUR FAÇADE WITH TRESPA PURA NFC® LAP SIDING IN FOUR EASY STEPS:

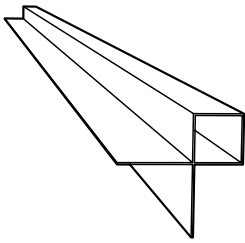
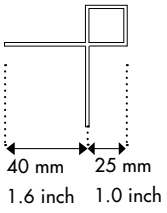
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- 2 Make a façade drawing.
- 3 Ensure the correct base construction.
- 4 Carry out the installation instructions.

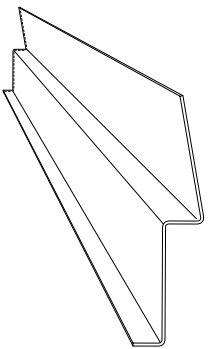
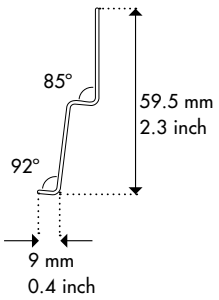
**1 ENSURE THE CORRECT SUPPLIES**

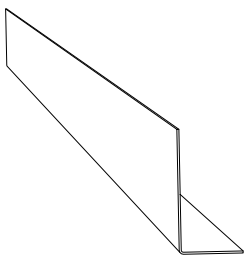
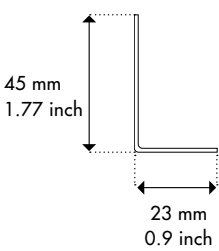
Trespa Pura NFC® Lap siding System Components

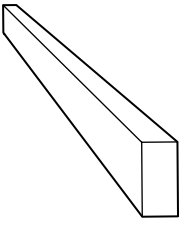
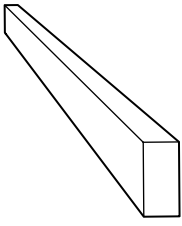
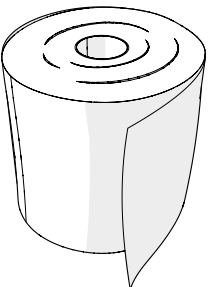
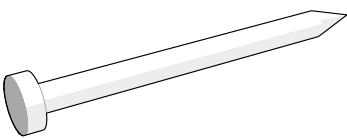
Trespa Pura NFC® Lap siding	
	Dimensions 3050 x 187 x 8 mm 10 ft x 7.3 x 0.3 inch
Lap siding	
SFS INTEC HPL - fast fixing screw	
	Dimensions 4.8 x 38 mm 0.2 x 1.5 inch
HPL fast fixing screw	
SFS INTEC profile screw	
	Dimensions 4.1 x 30 mm 0.2 x 1.2 inch
SFS profile screw	
Proface® Lap siding inner-corner profile	
	Dimensions Length: 3000 mm Length: 9.8 ft 
Lap siding inner-corner profile	

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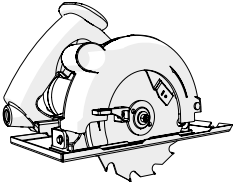
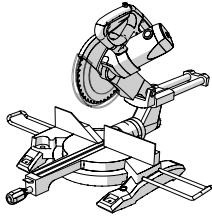
<b>Proface® Lap siding outer-corner profile</b>	
	Dimensions Length: 3000 mm Length: 9.8 ft
	
Lap siding outer-corner profile	

<b>Proface® Lap siding start profile</b>	
	Dimensions Length: 3000 mm Length: 9.8 ft
	
Lap siding start profile	

<b>Proface® Lap siding finish profile</b>	
	Dimensions Length: 3000 mm Length: 9.8 ft
	
Lap siding finish profile	

<b>Materials</b>	
	
Positioning bar (optional)	Installation bar
	
EPDM rubber. At least the width of the vertical battens	Flat head nails for fixing the installation and positioning bar(s)

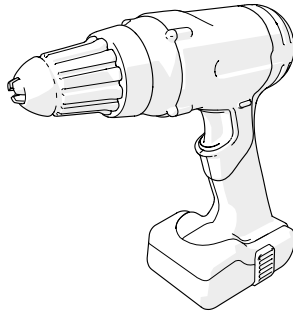
**Tools**



Short saw or circular saw

The following general guidelines apply when sawing Trespa Pura NFC® Sidings:

- **Tooth:** Alternate tooth or trapezoid flat tooth.
  - **Positioning:** Always position the entering tooth at the decorative side of the Trespa Pura NFC® Siding.
  - **Cutting edges:** Any sharp edges can be removed using sandpaper or a router.
  - **Rake angle:** A rake angle of 45° gives the best performance.
- For current information regarding Trespa's machining guidelines see [www.trespa.info](http://www.trespa.info).



Cordless screwdriver / drill with torque limiting coupling



Carbide-tipped HSS drill, top angle 60-80°. Trespa Pura NFC® Sidings should be drilled with support sheets.

➤ For current information regarding Trespa's machining guidelines see [www.trespa.info](http://www.trespa.info).



Diameter	No. of revolutions	Feed rate
5 mm, 0.2 inch	= 3000/min	60–120 mm/min, 2.4–4.7 in/min
8 mm, 0.3 inch	= 2000/min	40–60 mm/min, 1.6–3.1 in/min

Hard metals - HSS drill

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**2 MAKE A FAÇADE DRAWING****Key points when preparing the façade drawing:**

- Intermediate joints are located in the middle of the vertical furring.
- The width of the intermediate joint must be at least 0.3 inch (8 mm).
- The Lap sidings must overlap by 1.2 inch (30 mm).
- The maximum distance between the vertical furrings is 24 inch (600 mm) on center.
- The vertical furrings must be 3 inch wide (76 mm).
- Use the inner corner and outer corner Lap siding - corner profiles.
- The distance between the Lap sidings and the corner profile (the end joint) must be 0.2 inch (5 mm).
- Is there an interruption (window, door, etc.) in the façade? If so, then make sure the Lap sidings are not sawn too small. You can control this by adjusting the starting height (H).

SEE **FIGURE 2** Before you begin, prepare a façade drawing

SEE **FIGURE 3** The end profiles must be at least 0.2 inch (5 mm) wide

**3 ENSURE THE CORRECT BASE CONSTRUCTION****Tips for the base construction**

- Trespa® Pura® can be used as part of a ventilated façade system which allows air circulation between the façade material and the water resistant layer behind.
- To ensure natural ventilation, the façade should be installed with a cavity of at least 3/4 inch (20 mm) deep behind the façade material.
- For a sufficient water resistant layer, depending on the application, apply a weather resistant barrier (building paper, housewrap, etc.) complying with the (local) building code requirements or other applicable code requirements. Trespa is not responsible for waterproofing details or design.
- Use vertical furrings spaced not more than 24 inches (600 mm) o.c. over the water-resistive barrier on a wall assembly capable of supporting the system.
- At the bottom and top of the cladding, as well as at each interruption in the facade (e.g. window frames), ventilation spaces should be made of at least 2.36 in<sup>2</sup>/ft<sup>1</sup> (50 mm/m<sup>1</sup>).
- Finish, if required, the ventilation spaces with a ventilation profile.
- Ensure a suitable construction in the corners.

SEE **FIGURE 4** Ensure proper base construction

**4 CARRY OUT THE INSTALLATION INSTRUCTIONS****1. Apply strips of EPDM rubber**

Use a strip of EPDM rubber which is at least as wide as the vertical furring.

SEE **FIGURE 5** Apply strips of EPDM rubber

**2. Place the Lap siding outer corner profiles and Lap siding finish profiles (if they appear in your façade drawing)**

SEE **FIGURE 6** Place the Lap siding outer corner profiles and Lap siding finish profiles

### 3. Apply the positioning bar OR apply the Lap siding start profile

The positioning bar and the Lap siding start profile support the first row of Lap sidings. Choose either a positioning bar or a Lap siding start profile.

#### NOTICE

The height at which you apply the positioning bar and the dimensions of the positioning bar will influence the angle of the first row of Lap sidings.

SEE **FIGURE 7<sup>A</sup>** Are you using a positioning bar? Apply the positioning bar.

SEE **FIGURE 7<sup>B</sup>** Are you using a Lap siding - start profile? Apply the Lap siding start profile.

SEE **FIGURE 8** The height at which the positioning bar is installed influences the angle of the first row of Lap sidings

### 4. Install an installation bar

Install an installation bar at 7.4 inch (187 mm) from the starting height.

SEE **FIGURE 9** Install an installation bar

### 5. Saw the Lap sidings to length

Saw the sidings with their decorative side facing up.

☞ For current information regarding Trespa's machining guidelines see [www.trespa.info](http://www.trespa.info).

SEE **FIGURE 10** Saw the Lap sidings to size

### 6. Determine the position of the holes to be drilled in the Lap sidings

Attach the Lap sidings to every vertical furring.

First mark the position of the holes.

#### Tips when marking the holes:

- Mark the holes 0.8 inch (20 mm) from the upper side of the Lap sidings.
- Mark the holes a minimum of 0.8 inch (20 mm) from the side of the vertical furring.
- Mark two holes in the place where the next row of Lap sidings has an intermediate joint.
- Consult the façade drawing to see where you will position the intermediate joint.

SEE **FIGURE 11** You must accurately mark the position of the holes

### 7. Drill the holes in the Lap sidings

For drilling the holes use an 0.3 inch (8 mm) hard metal HSS drill, top angle 60-80°.

Tip: drill one of the holes 0.2 inch (5 mm). You fix the Lap siding here.

☞ For current information regarding Trespa's machining guidelines see [www.trespa.info](http://www.trespa.info).

SEE **FIGURE 12** Drill the holes in the Lap siding

## 8. Install the first row of Lap sidings

### Tips when installing the Lap sidings:

- Ensure an intermediate width of a minimum of 0.3 inch (8 mm).
- Use HPL fast fixing screws.

### ⚠ CAUTION

Do not screw in the fast fixing screws. Use the torque limiting coupler of your drill. Set the torque limiting coupler so that no front tension is imposed on the Lap siding. Front tension can warp the Lap siding.

SEE **FIGURE 13** Place the first row of Lap sidings

SEE **FIGURE 14** Ensure an intermediate width of a minimum of 0.3 inch (8 mm)

## 9. Move the installation bar

Move the installation bar to a height of 6.2 inch (157 mm) from the top of the siding (6.2 inch = 7.4 - 1.2 inch overlap).

SEE **FIGURE 15** Move the installation bar

## 10. Install the second row of Lap sidings

- Saw, drill and mount the second row of Lap sidings.
- When installing, ensure that the new row overlaps the last row by 1.2 inch (30 mm).

### NOTICE

Because the Lap sidings are supported by a HPL fast fixing screw, there is a space of approximately 0.1 inch (2 mm) between the rows of Lap sidings. This space is very important! The space allows water to egress.

- When inserting a seam, check that both Lap sidings are supported by a HPL fast fixing screw.

SEE **FIGURE 16** Place the second row of Lap sidings

SEE **FIGURE 17** Check that the Lap siding is supported by a HPL fast fixing screw

## 11. Install the other row of Lap sidings

Install the other row of Lap sidings from below to above.

SEE **FIGURE 18** Install the other row of Lap sidings from below to above

## 12. Ensure the correct finishing

Ensure the correct finishing. For example, use a roof trim to cover the top row or HPL fast fixing screws.

SEE **FIGURE 19** Finish with, for example, a roof trim

## FINISHING AROUND A WINDOW

### HOW DO I PLACE TRESPA PURA NFC® LAP SIDING AROUND A WINDOW?

- Support the Lap siding directly above the window with a positioning bar (A).
- Finish the side of the window with a Lap siding finish profile (B).
- Finish the underside of the window with a weather moulding (C).

SEE **FIGURE 20** Finishing around a window

## VERTICAL INSTALLATION

### HOW DO I INSTALL THE TRESPA PURA NFC® LAP SIDINGS VERTICALLY?

- Place the horizontal furring against the façade.
- Install the Lap sidings one on one. Ensure a 1.2 inch (30 mm) overlap.
- Place a 0.4 inch (10 mm) installation ring between the Lap siding and the horizontal furring.
- Apply strips of EPDM rubber on the horizontal furring.

SEE **FIGURE 21** Vertical installation Trespa Pura NFC® Lap sidings.

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### QUESTIONS

Should you have any questions or comments, please do not hesitate to contact Trespa.



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