Trespa Pura NFC®

Lap sidings

Installation manual [UK/EN]

live.trespa.com

TRESPA®

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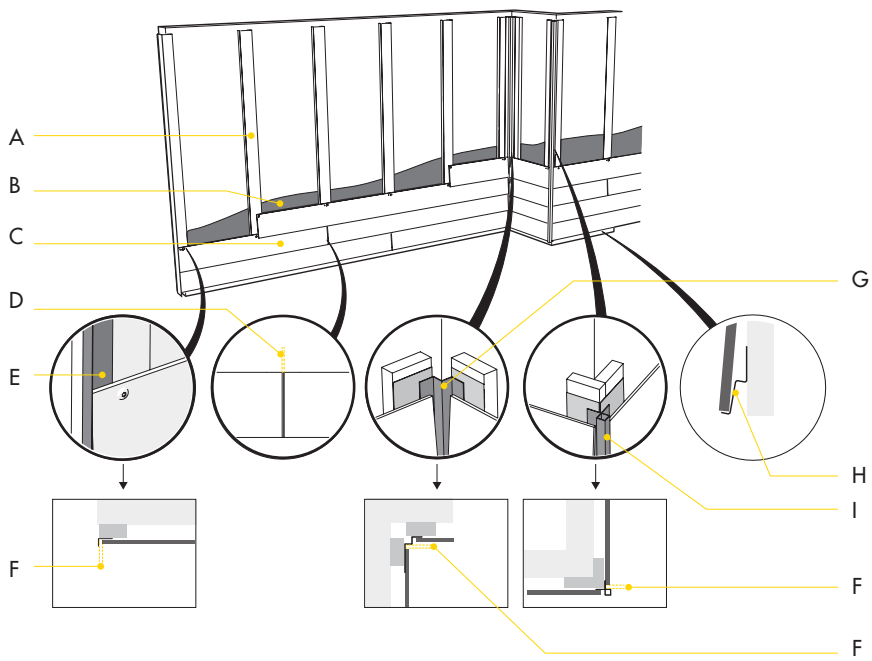
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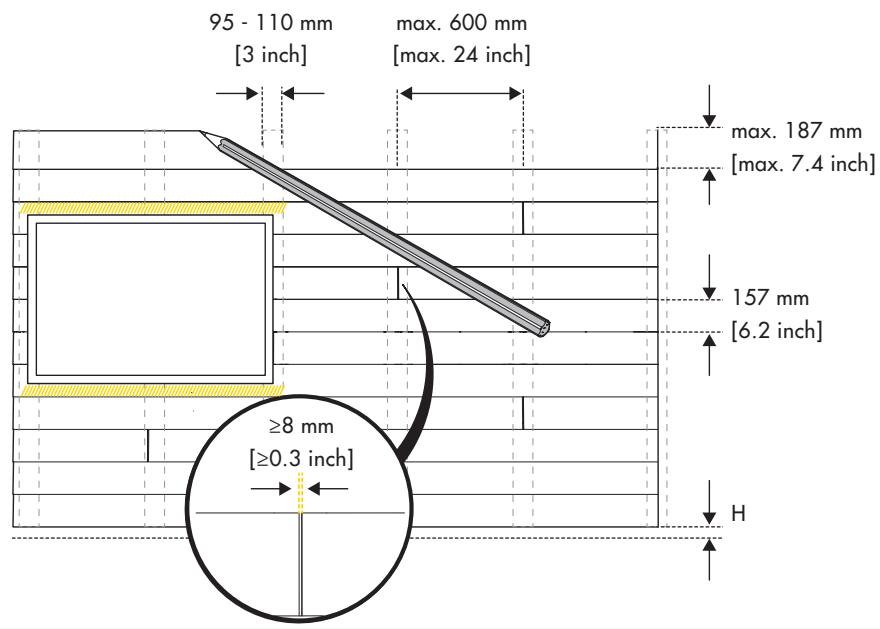
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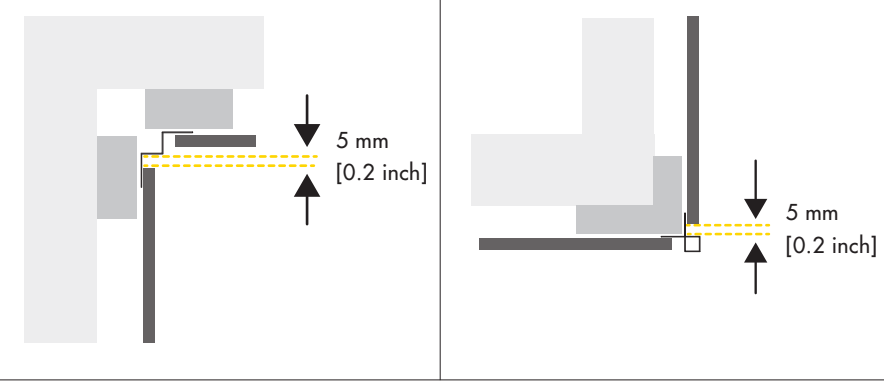
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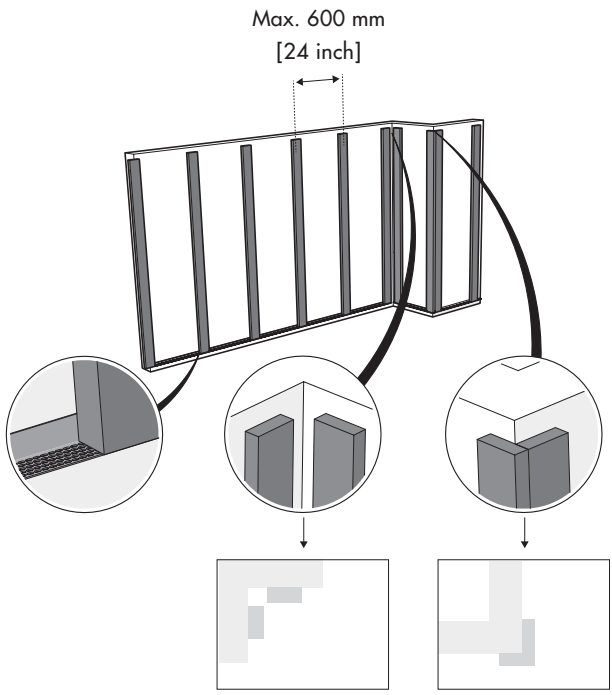

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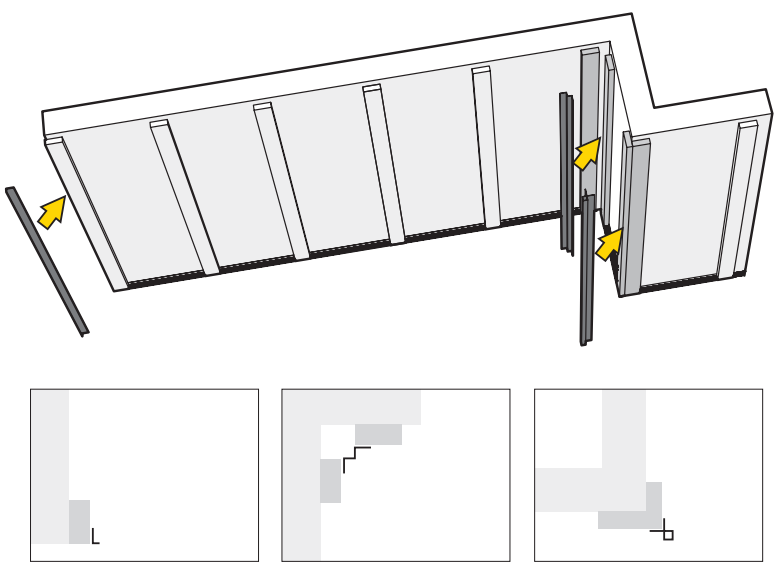

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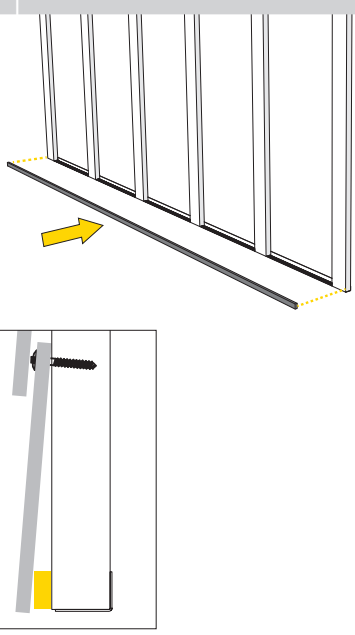

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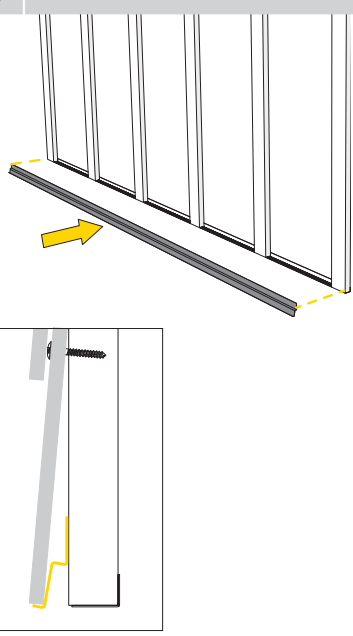

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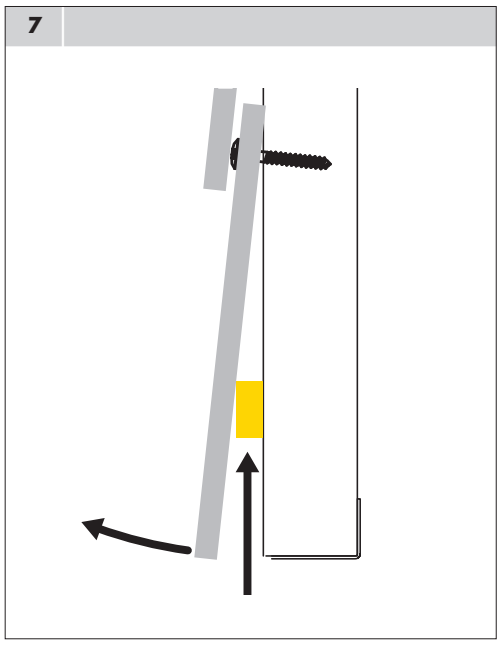

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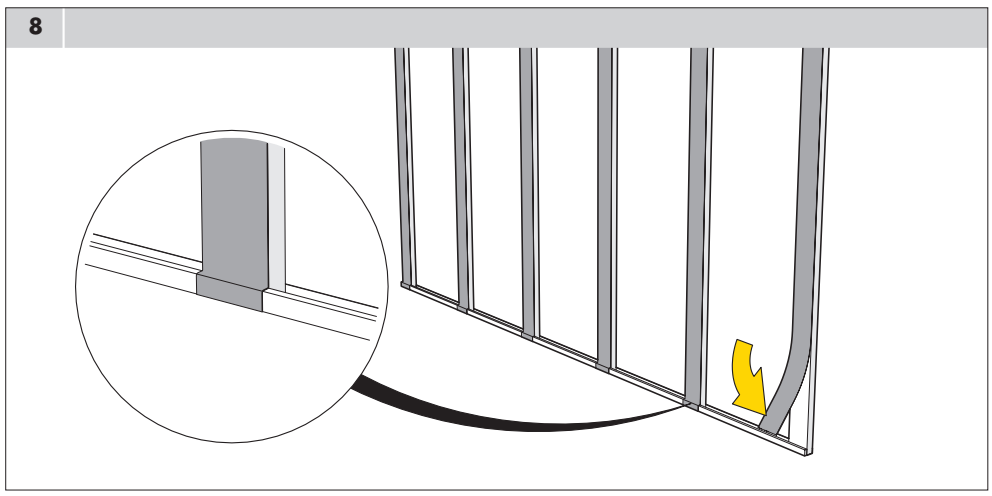

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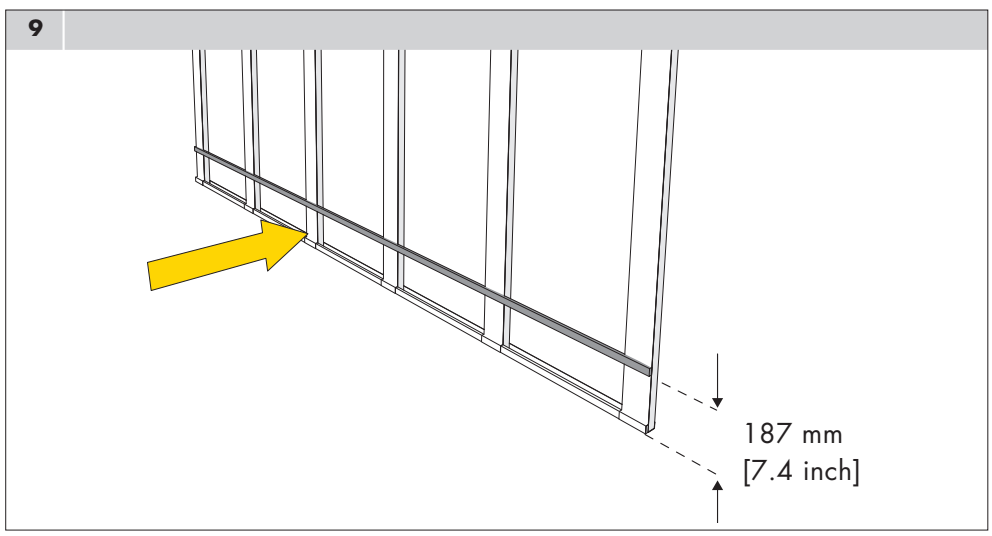

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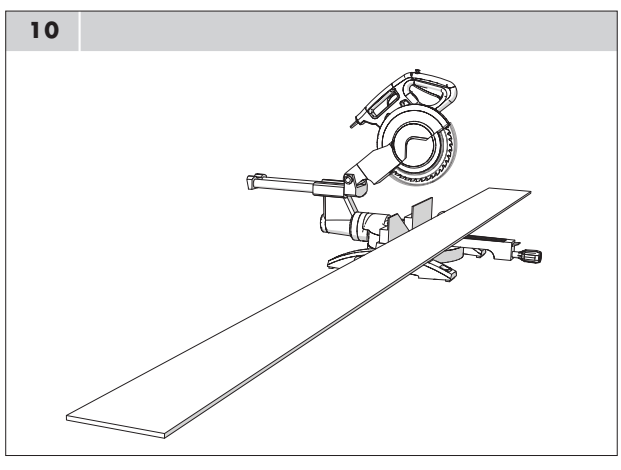

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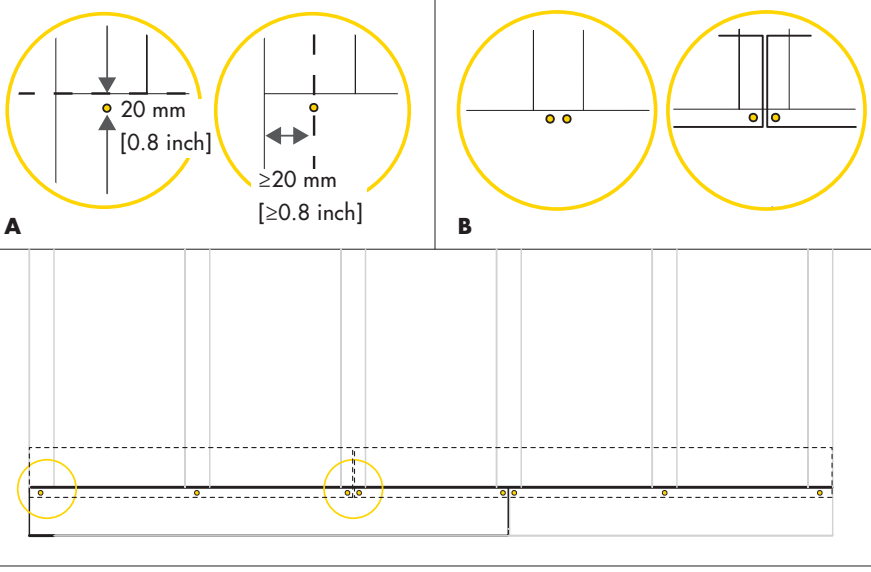

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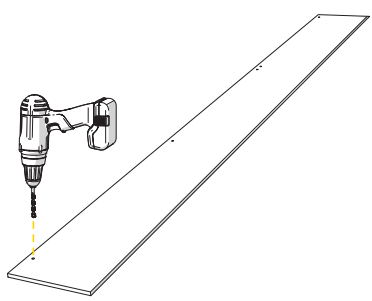

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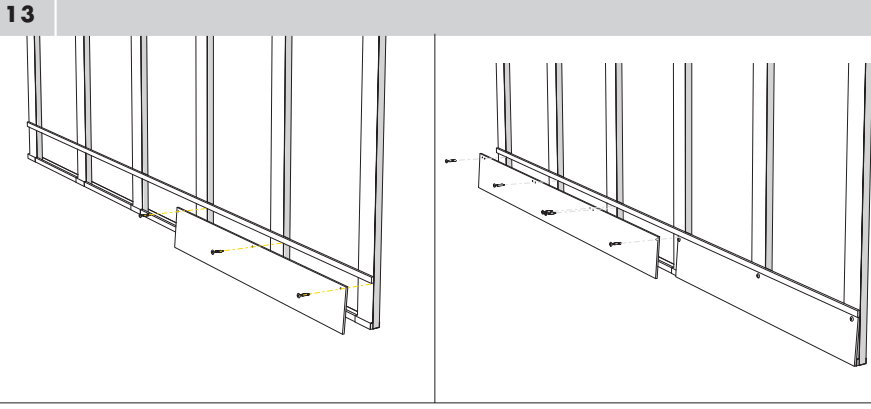

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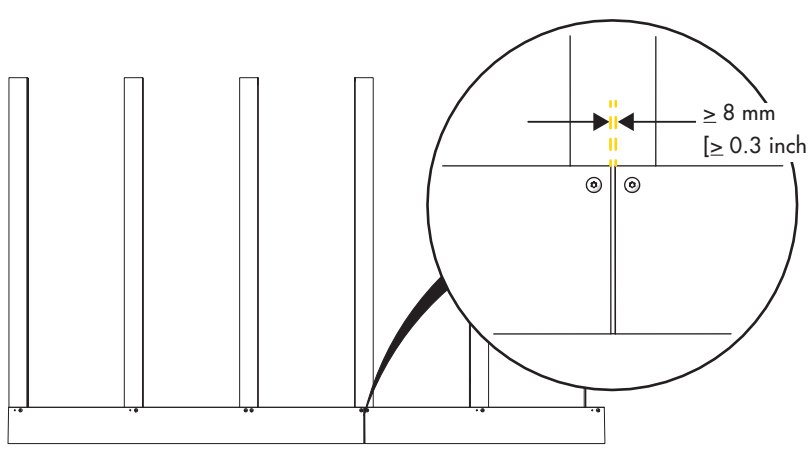

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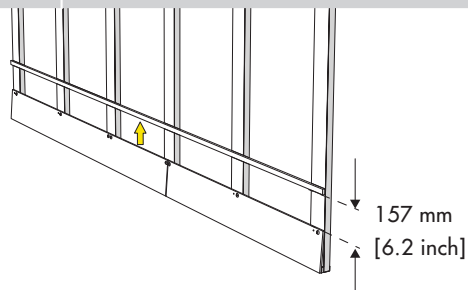

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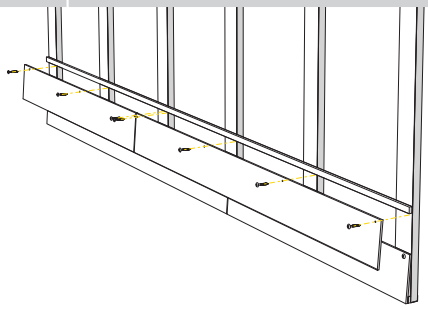

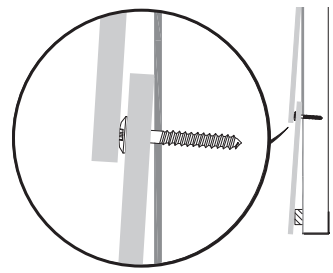

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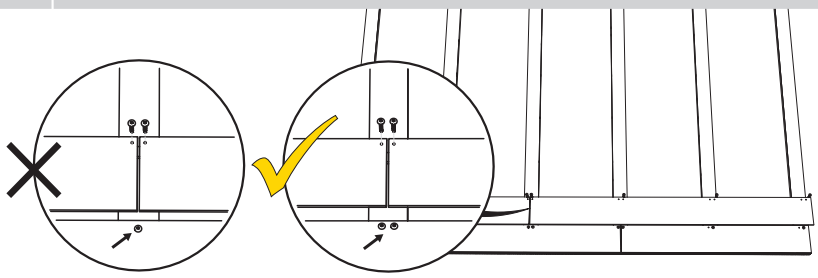

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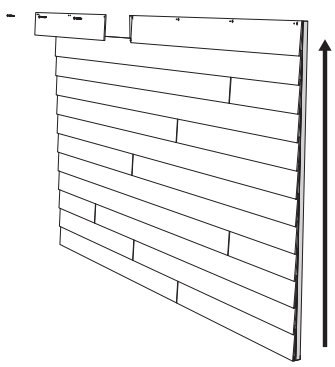

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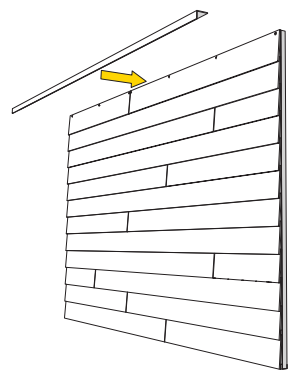

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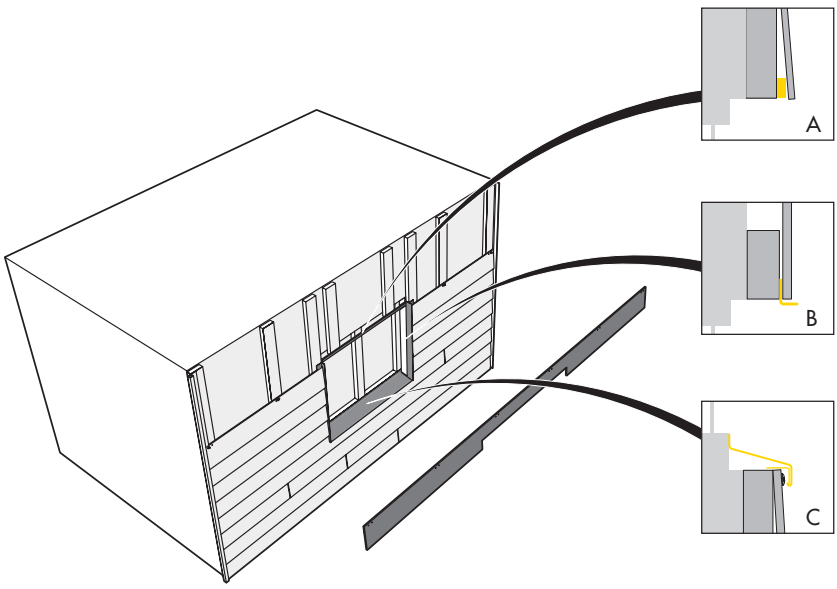

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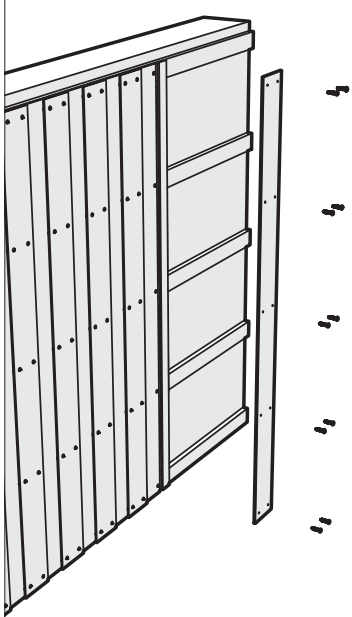

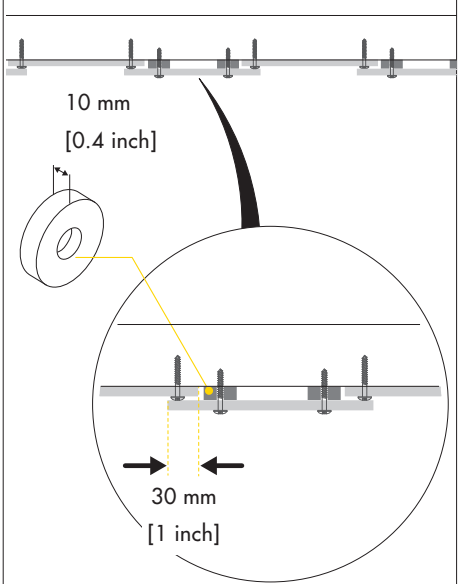

UK

FOREWORD

INSTALLATION MANUAL FOR THE PROFESSIONAL INSTALLER

Dear customer,

Congratulations on your purchase of this Trespa Pura NFC® product. These instructions contain the necessary information in order to quickly achieve a professional result.

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 seperately. 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 kindly request you to go through this information carefully, 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.

⚠ 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.

UK

CONTENTS

IMPORTANT TERMS IN THESE INSTRUCTIONS USED IN AN OVERVIEW

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

A Vertical batten
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

UK

GET RESULTS IN FOUR SIMPLE STEPS

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

1 Ensuring the correct supplies.
2 Making a façade drawing.
3 Ensuring the correct base construction.
4 Carrying out the installation instructions.

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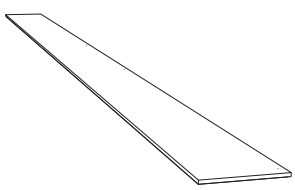
1 ENSURING THE CORRECT SUPPLIES

Trespa Pura NFC® Lap siding System Components

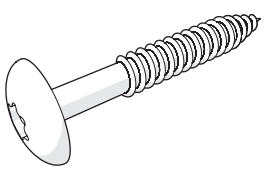
Trespa Pura NFC® Lap siding



Dimensions (mm)	Available colours	Colour code
3050 x 187 x 8	Royal Mahogany Aged Ash White Pine Slate Ebony Classic Oak Romantic Walnut	PU 04 PU 17 PU 20 PU 22 PU 02 PU 08

Lap siding

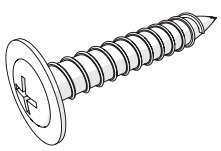
SFS INTEC HPL - fast fixing screw



Dimensions (mm)	Available colours	Colour code
4.8 x 38	Royal Mahogany Aged Ash White Pine Slate Ebony Classic Oak Romantic Walnut	PU 04 PU 17 PU 20 PU 22 PU 02 PU 08

HPL fast fixing screw

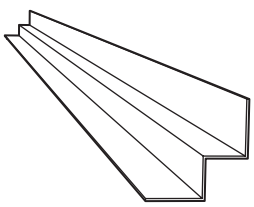
SFS INTEC profile screw

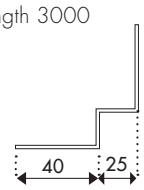


Dimensions (mm)	Available colours	Colour code
4.1 x 30	–	–

SFS profile screw

Proface® Lap siding inner-corner profile

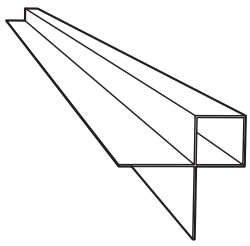


Dimensions (mm)	Available colours	Colour code
Length 3000 	Royal Mahogany Aged Ash White Pine Slate Ebony Classic Oak Romantic Walnut	PU 04 PU 17 PU 20 PU 22 PU 02 PU 08

Lap siding inner-corner profile

UK

Proface® Lap siding outer-corner profile



Dimensions (mm)	Available colours	Colour code
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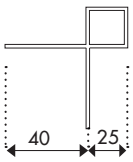
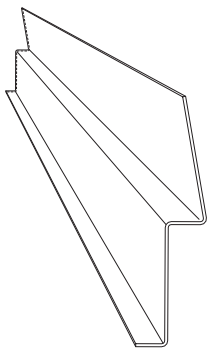
	Aged Ash	PU 17
	White Pine	PU 20
	Slate Ebony	PU 22
	Classic Oak	PU 02
	Romantic Walnut	PU 08



Lap siding outer-corner profile

Proface® Lap siding start profile



Dimensions (mm)	Available colours	Colour code
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	Aged Ash	PU 17
	White Pine	PU 20
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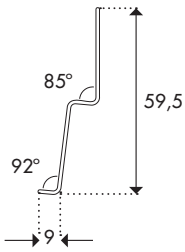
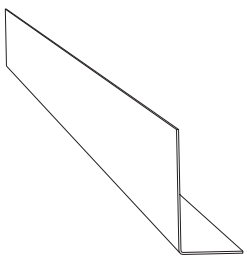
	Romantic Walnut	PU 08

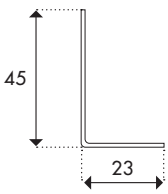


Lap siding start profile

Proface® Lap siding finish profile

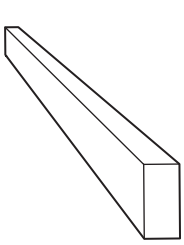


Dimensions (mm)	Available colours	Colour code
Length 3000	Royal Mahogany	PU 04
	Aged Ash	PU 17
	White Pine	PU 20
	Slate Ebony	PU 22
	Classic Oak	PU 02
	Romantic Walnut	PU 08

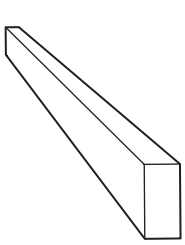


Lap siding finish profile

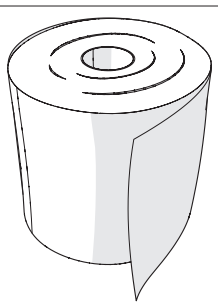
Materials



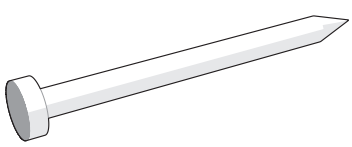
Positioning bar (optional)



Installation bar

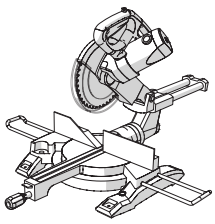


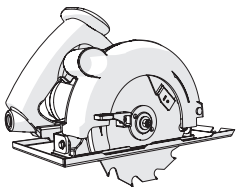
EPDM rubber. At least the width of the vertical battens



Flat head nails for fixing the installation and positioning bar(s)

Tools



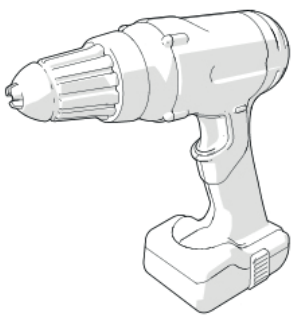


The following general guidelines apply when sawing Trespa Pura NFC® Sidings:

- **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.

Short saw or circular saw



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.

Diameter in mm	No. of revolutions	Feed rate in mm/min
5	= 3,000/min	60–120
8	= 2,000/min	40–80

Hard metals - HSS drill

UK

2 MAKING A FAÇADE DRAWING

Points for attention when creating the façade drawing:

- Intermediate joints are located in the middle of the vertical battens.
- The width of the intermediate joint must be at least 8 mm.
- The Lap sidings must overlap by 30 mm.
- The distance between the vertical battens is up to 600 mm.
- The vertical battens must be 95-110 mm wide.
- Use the inner corner and outer corner Lap siding - corner profiles.
- The distance between the Lap sidings and the Lap siding - Corner Profile (the end joint) must be 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 influence this by adjusting the starting height (H).

SEE **FIGURE 2** Before you begin, make a plan in the form of a façade drawing

SEE **FIGURE 3** The end profiles must be at least 5 mm wide

3 ENSURING THE CORRECT BASE CONSTRUCTION

Points for attention 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 it.
- To ensure natural ventilation, the façade is installed with a cavity of at least 20 mm deep immediately behind the façade material.
- Install vertical battens, spaced no more than 600 mm apart.
- Provide ventilation openings of at least 50 cm^2/m at the bottom and top of the cladding, as well as at each interruption in the façade (e.g. window frames).
- Where required, finish the ventilation spaces with a ventilation profile.
- Ensure a suitable corner construction.

SEE **FIGURE 4** Ensure proper base construction

4 FOLLOW THE INSTALLATION INSTRUCTIONS

1. Placing the Lap siding- outer corner profiles and Lap siding finish profiles (if they appear in your façade drawing)

SEE **FIGURE5** Placing the Lap siding outer corner profiles and Lap siding finish profiles

2. 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 have an influence on the angle of the first row of Lap sidings.

SEE **FIGURE 6A**	Are you using a positioning bar? Apply the positioning bar.
SEE **FIGURE 6B**	Are you using a Lap siding - start profile? Apply the Lap siding start profile.
SEE **FIGURE 7**	The height at which the positioning bar is installed influences the angle of the first row of Lap sidings

3. Apply strips of EPDM rubber

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

SEE **FIGURE 8**	Apply strips of EPDM rubber

4. Installing an installation bar

Install an installation bar at 187 mm from the starting height.

SEE **FIGURE 9**	Install an installation bar

5. Sawing the Lap sidings to size

Saw the sidings with their decorative side facing up.

➲ For current information regarding Trespa's machining guidelines see www.trespa.info.

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

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

You must fix the Lap sidings on every vertical batten.

First mark the position of the holes.

Attention points when marking the holes:

- Mark the holes 20 mm from the upper side of the Lap sidings.
- Mark the holes a minimum of 20 mm from the side of the vertical batten.
- 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 8 mm hard metal HSS drill, top angle 60-80°.

Tip: drill one of the holes 5 mm. You fix the Lap siding here.

➲ For current information regarding Trespa's machining guidelines see www.trespa.info.

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

8. Installing the first row of Lap sidings

Attention points when installing the Lap sidings:

- Ensure an intermediate width of a minimum of 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 8 mm

9. Moving the installation bar

Move the installation bar to a height of 157 mm (157 mm = 187 mm - 30 mm overlap).

SEE **FIGURE 15**	Moving the installation bar

10. Installing the second row of Lap sidings

- Saw, drill and mount the second row of Lap sidings.
- Ensure when installing, that the new row overlaps the last row by 30 mm.

NOTICE

Because the Lap sidings are supported by a HPL fast fixing screw, there is a space of approximately 2 mm between the rows of Lap sidings. This space is very important! The space prevents fluid retention.

- 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. Installing 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. Ensuring 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

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ANNEX 1

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

ANNEX 2

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

- Place the horizontal batten against the façade.
- Place the Lap sidings one on one. Ensure a 30 mm overlap.
- Place a 10 mm installation ring between the Lap siding and the horizontal batten.

SEE **IMAGE 21** Vertical placing Trespa Pura NFC® Lap sidings.

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