Trespa Pura NFC®

Flush sidings

INSTALLATION MANUAL

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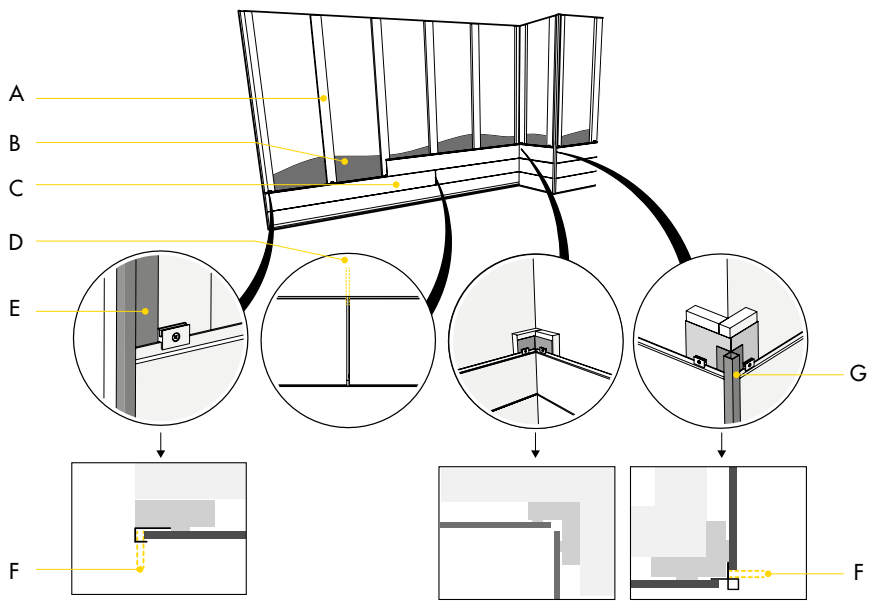

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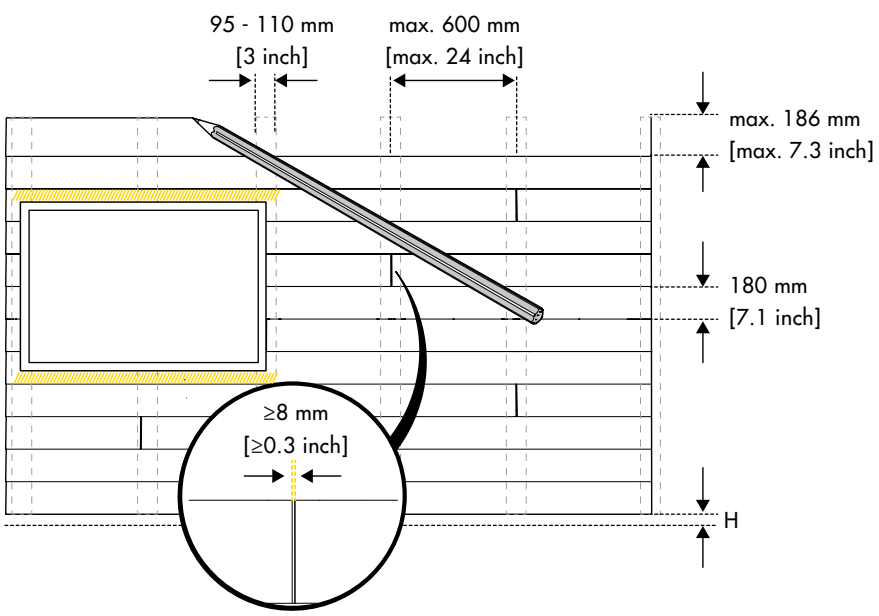

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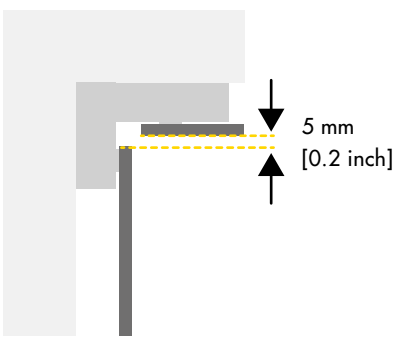

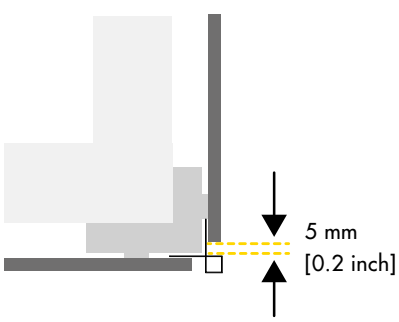

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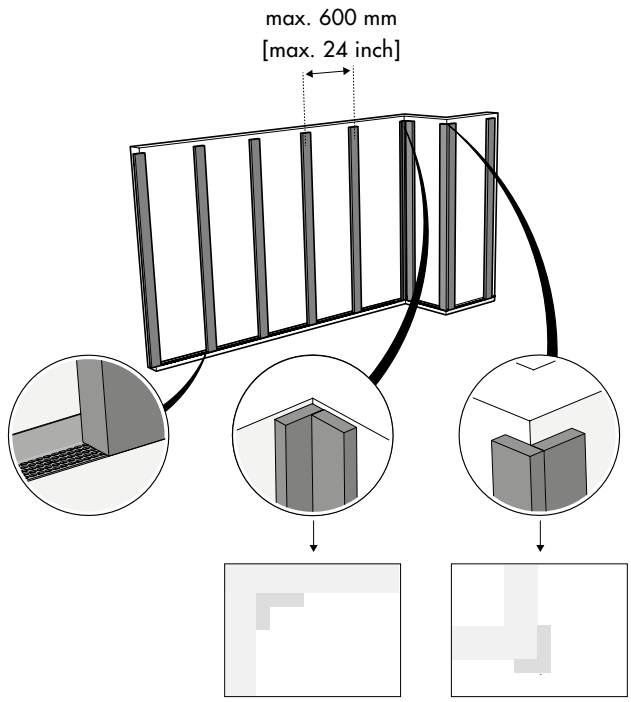

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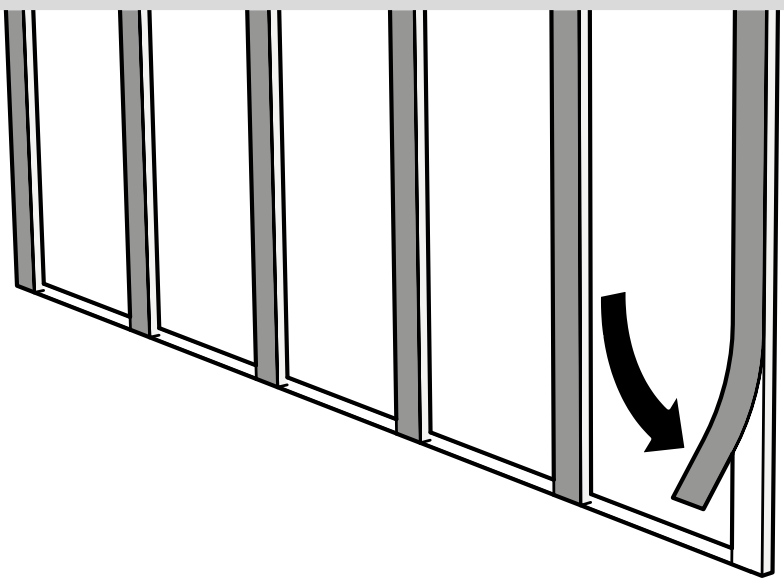

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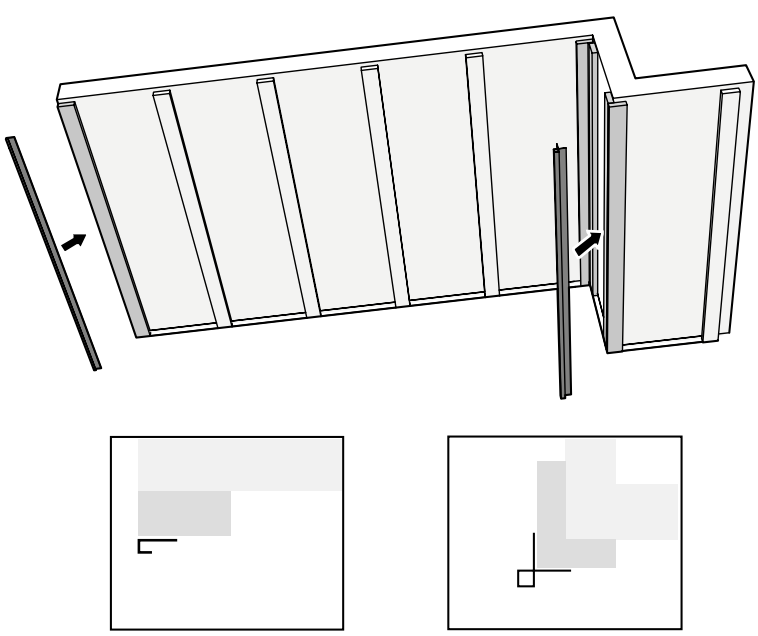

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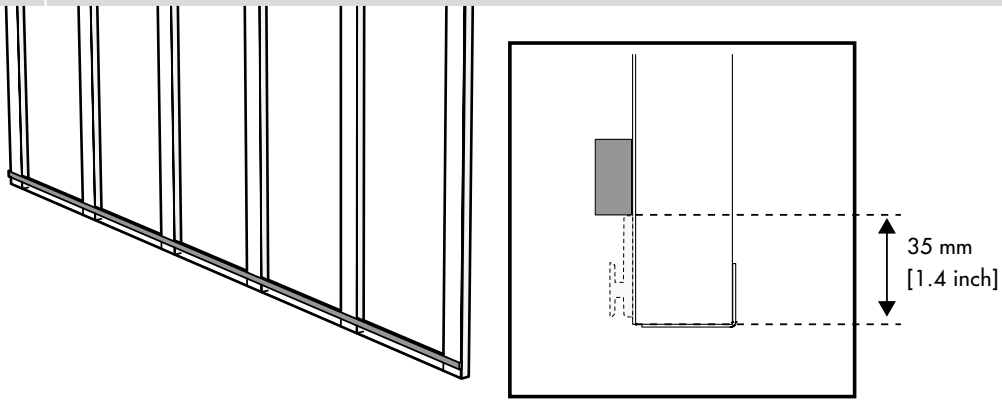

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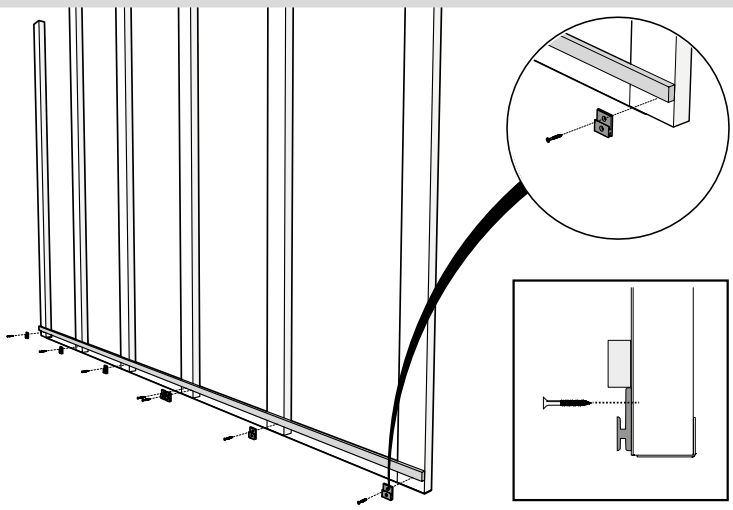

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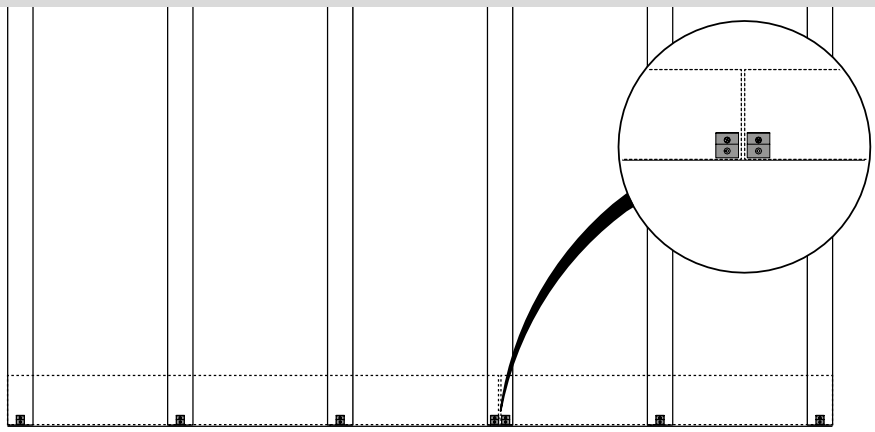

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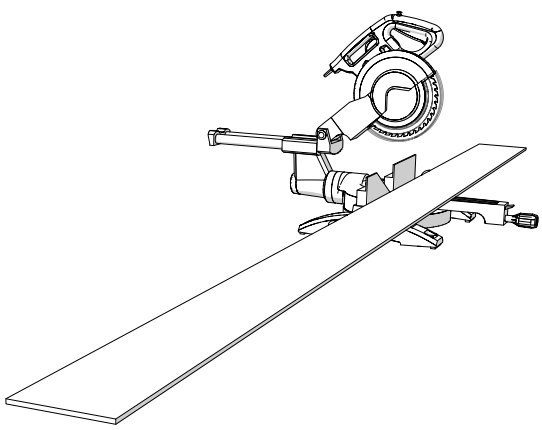

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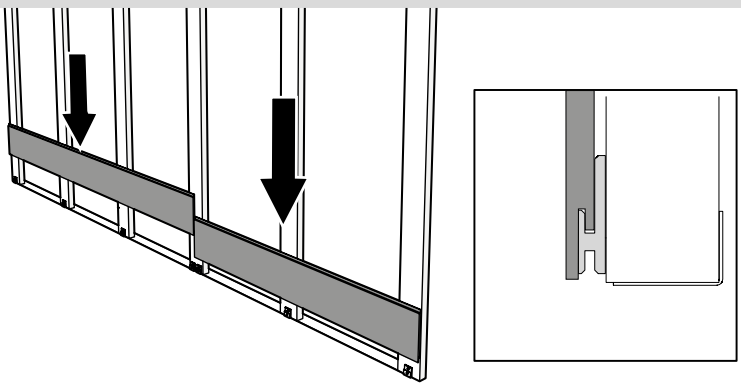

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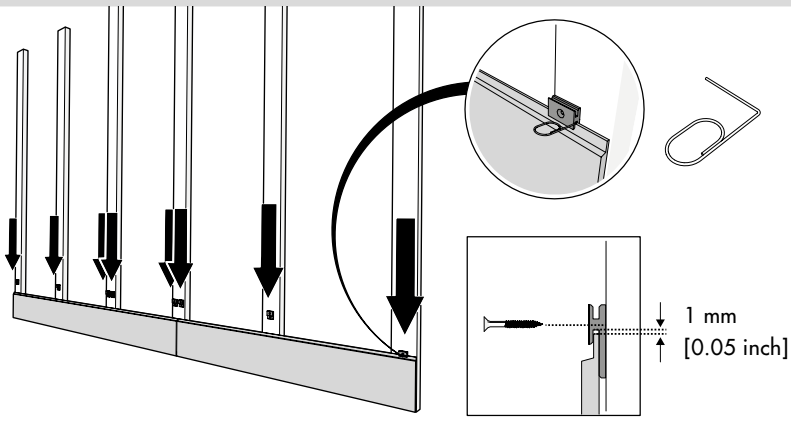

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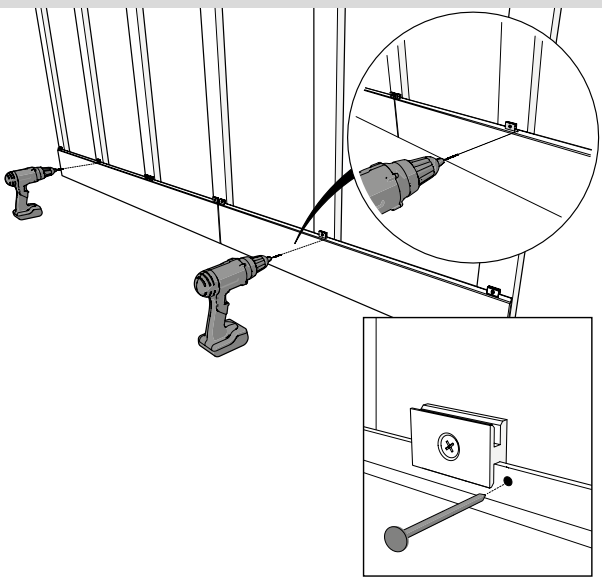

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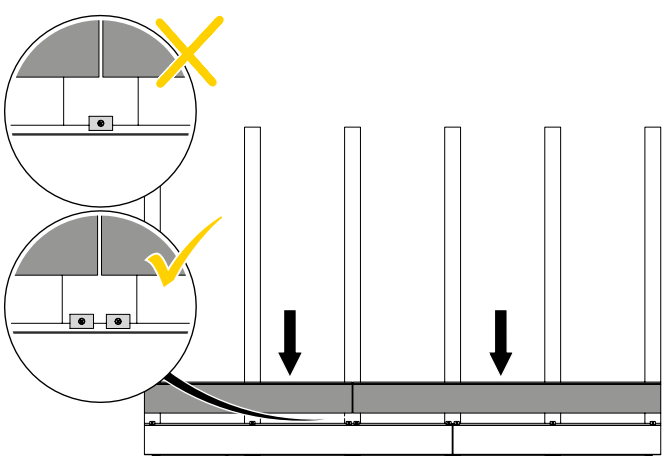

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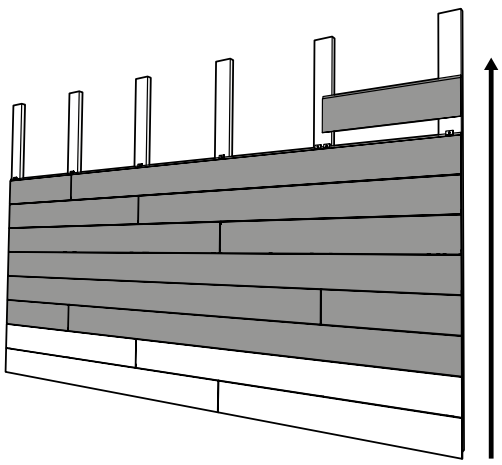

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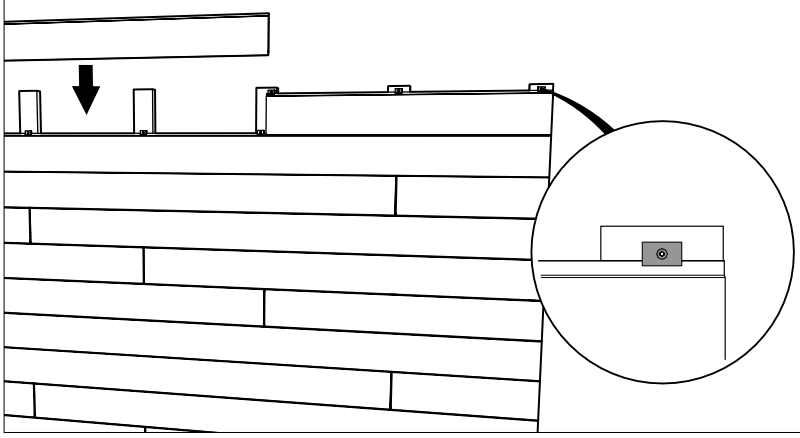

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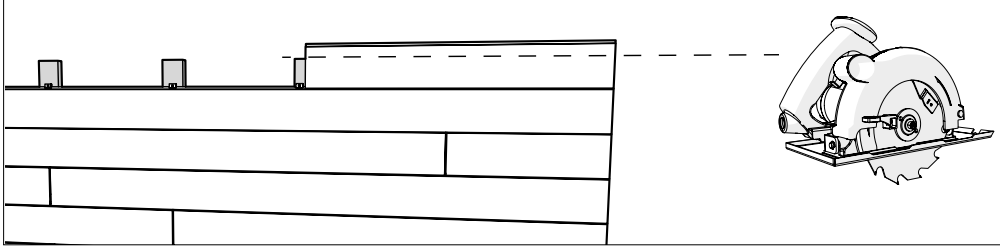

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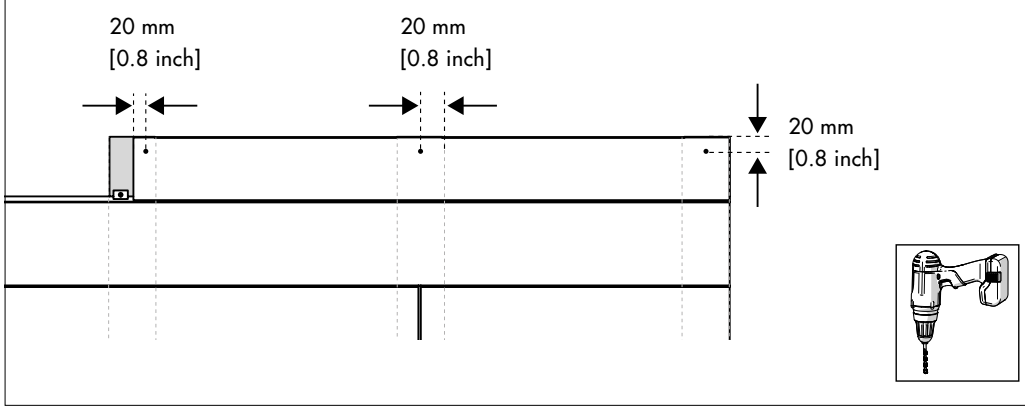

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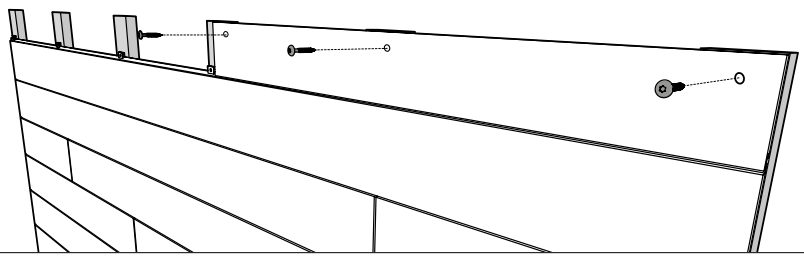

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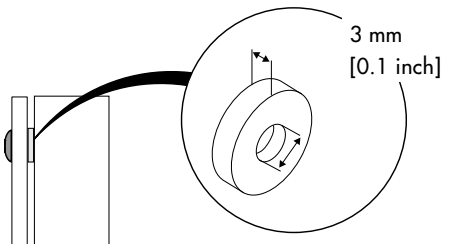

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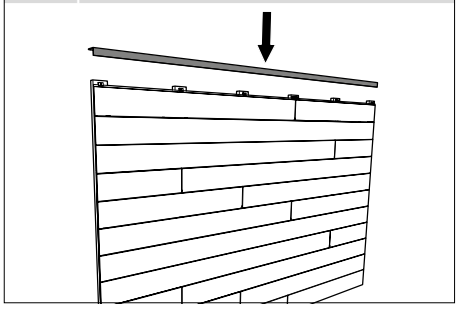

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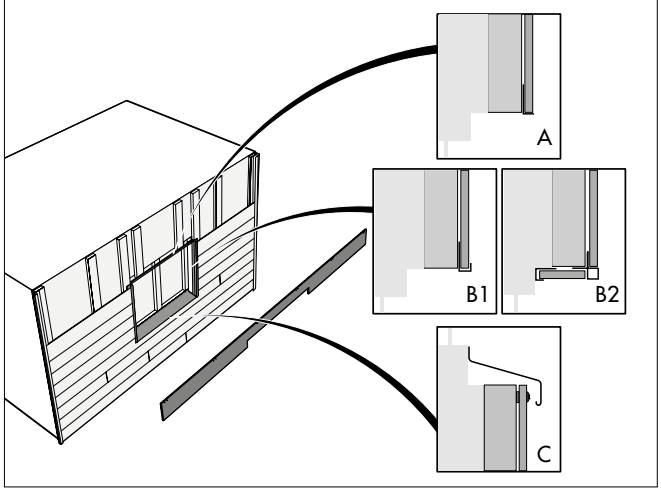

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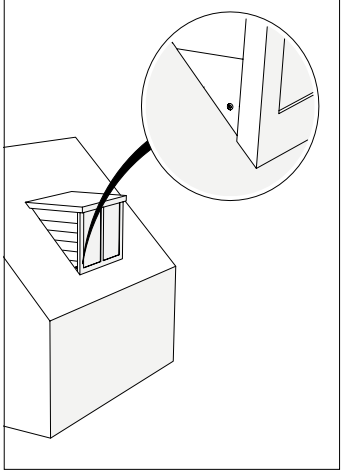

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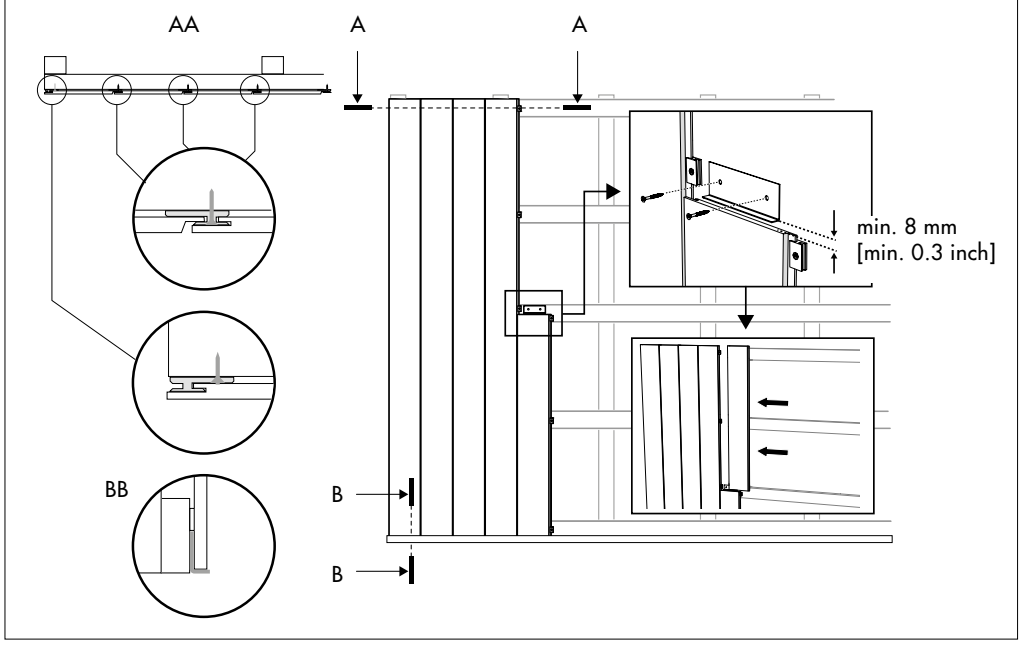

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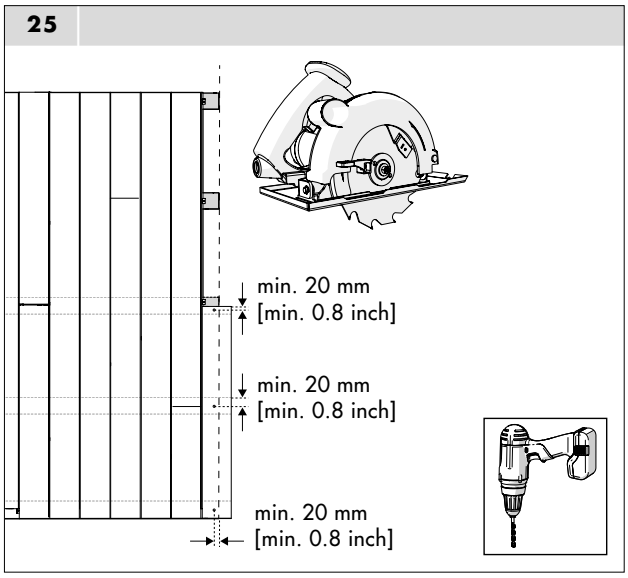

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FOREWORD

INSTALLATION MANUAL FOR THE PROFESSIONAL INSTALLER

Dear customer,

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

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

The information in these instructions is important for the 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 coat façades.
Trespa Pura NFC® is intended for the professional processor.

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 users may (seriously) injure themselves or seriously damage the product.
A warning indicates what 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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Finishing around a window
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Vertical Installation
What should I look for when I place Trespa Pura NFC® Flush siding vertically? 16

IMPORTANT TERMS IN THESE INSTRUCTIONS USED IN AN OVERVIEW

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

A Vertical batten
B Building paper (if applicable)
C Flush siding
D Intermediate joint
E Flush siding finish profile
F Start joint / finish joint
G Flush siding outer-corner profile

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GET RESULTS IN FOUR SIMPLE STEPS

YOU CAN EQUIP YOUR FAÇADE TRESPA WITH PURA NFC® FLUSH SIDING IN FOUR EASY STEPS:

1 Ensure the correct supplies.
2 Make a façade drawing.
3 Ensure the correct basic construction.
4 Carry out the installation instructions.

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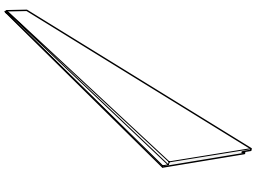
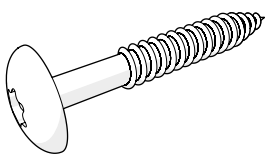
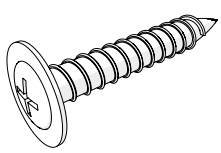
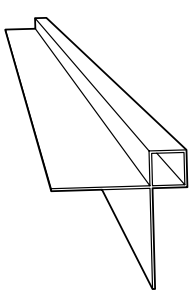
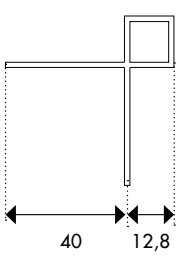
1 ENSURE THE CORRECT SUPPLIES

Trespa Pura NFC® Flush siding System Components

Trespa Pura NFC® Flush siding	
	Dimensions (mm) 3050 x 186 x 8
Flush siding	

SFS INTEC HPL fast fixing screw	
	Dimensions (mm) 4.8 x 38
HPL fast fixing screw	

SFS INTEC profile screw	
	Dimensions (mm) 4.1 x 30
SFS profile screw	

Proface® Flush siding outer-corner profile	
	Dimensions (mm) Length 3000 
Flush siding outer-corner profile	

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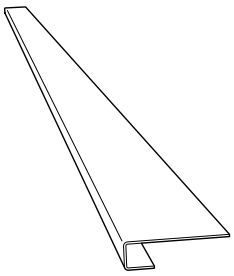
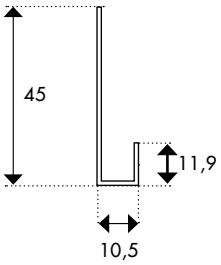
Proface® Flush siding finish profile



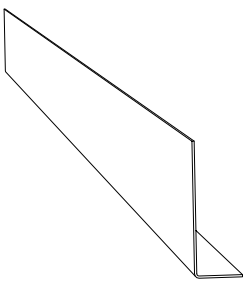
Dimensions (mm)

Length 3000



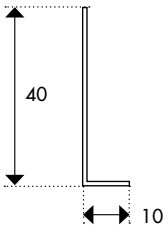
Flush siding finish profile

Proface® Flush siding support profile



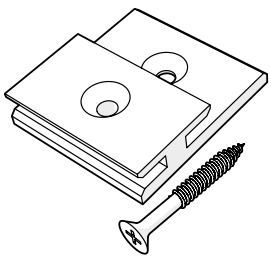
Dimensions (mm)

Length 3000



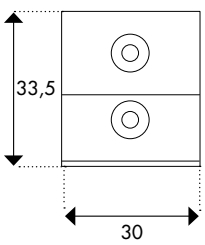
Flush siding support profile

Universal clips (including matching screws)



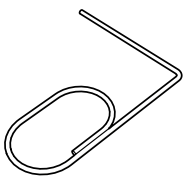
Dimensions (mm)

33.5 x 30 x 7.6



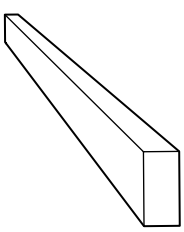
Universal clip

Positioning tool set

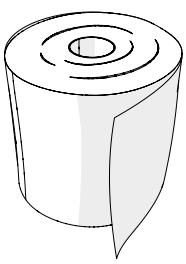


Positioning tool set

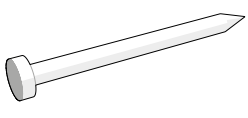
Materials



Installation bar

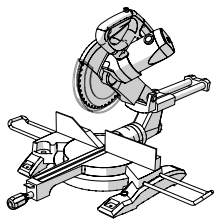


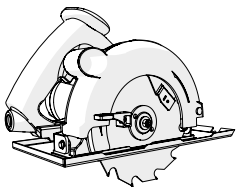
EPDM rubber. At least the width of the vertical battens



Flat head nails to fix the mounting bar and fix the flush siding

Tools



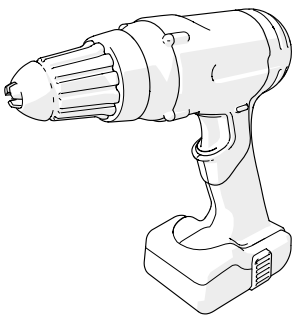


The following general guidelines apply when sawing Trespa Pura NFC® Sidings:

- **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.

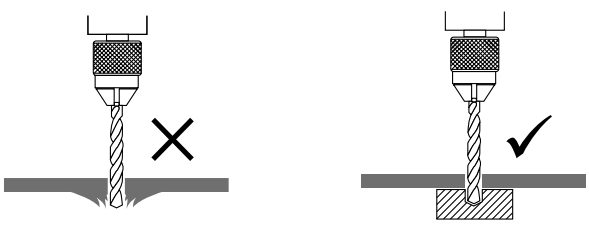
Short saw or circular saw



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	= 3000/min	60–120
8	= 2000/min	40–80

Hard metals - HSS drill

2 MAKE 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 8 mm.
- The Flush sidings must overlap by 6.5 mm after mounting.
- The maximum distance between the vertical battens is 600 mm on center.
- The vertical battens must be 95-110 mm wide.
- At outer corners use Flush siding outer-corner profiles.
- The distance between the Flush sidings and a Flush siding outer-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 Flush 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 BASIC CONSTRUCTION

Points for attention for the basic 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 behind the façade material.
- Install vertical battens, spaced no more than 600 mm apart.
- At the bottom and top of the cladding, as well as at each interruption in the façade (e.g. window frames), ventilation spaces should be made of at least $50cm^2/m^1$.
- Finish, if required, the ventilation spaces with a ventilation profile.
- Ensure a suitable corner construction.

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 batten.

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

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

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

3. Install an installation bar

Install an installation bar at a distance of 35 mm from the starting height. You use the installation bar as attachment points for the first row of universal clips.

SEE **FIGURE 7**	Install an installation bar

4. Place the first row of universal clips

- Place the first row of universal clips with the installation head down.
- Screw the universal clips into the top hole.
- Do you plan to equip the first row of Flush sidings with an intermediate joint?
  If so, then place two universal clips.
- Do not place the clip on a finishing profile.

SEE **FIGURE 8**	Place the first row of universal clips

SEE **FIGURE 9**	Place two universal clips where you want to make an intermediate joint

5. Saw the Flush 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 Flush sidings to size

6. Place the bottom row of Flush sidings

- Remove the installation bar.
- Place the Flush sidings by sliding them from the top of the universal clips.

SEE **FIGURE 11**	Place the bottom row of universal clips

7. Install the second row of universal clips

- Place the universal clips with the installation head facing up.
- Screw the universal clips into the top hole.
- Check that the intermediate joint is at least 8 mm wide.
- Use the positioning tool set provided to allow 1 mm vertical expansion.
- Do you plan to equip the next row of Flush sidings with an intermediate joint?
  If so, then place two universal clips at the position of the joint.

SEE **FIGURE 12**	Place the second row of universal clips and screw them in. Use the positioning tool set provided for this.

8. Fix every Flush siding with a flat head nail

- Drill one hole of 2 mm in the thin part of each Flush siding.
- Fix every length piece of Flush siding with a flat head nail.

SEE **FIGURE 13**	Fix the façade strip with a flat head nail

9. Place the second row of Flush sidings

- When placing a row of Flush sidings always check that an intermediate joint is supported on both sides by its own universal clip.
- Check that the intermediate joint is at least 8 mm wide.
- Fix every Flush siding with a flat head nail.

SEE **FIGURE 14**	When placing a row of Flush sidings check the support of the intermediate joint

10. Install the other row of Flush sidings

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

SEE **FIGURE 15**	Install the other row of Flush sidings from below to above

11. Place the last row of Flush sidings

Finish with universal clips if you have enough space.

Not enough space?

- Saw the top row of Flush sidings to size.
- Drill 8 mm holes.

NOTICE

Drill holes at 20 mm from the top of the Flush siding,
at least 20 mm from the side of the vertical batten, and
at least 20 mm from the end of the Flush siding.

- Tip: drill one of the holes 5 mm. You fix the siding here.
- Fix the Flush siding with the fast fixing screws. Place an installation ring of 3 mm between the vertical batten and the Flush siding.

SEE **FIGURE 16**	Finish with universal clips if you have enough space
SEE **FIGURE 17**	Don't have enough space? Saw the bottom row of Flush sidings to size
SEE **FIGURE 18**	If you have sawn off the flush sidings, drill 8 mm holes
SEE **FIGURE 19**	Install with HPL Fast fixing screws. Place an installation ring between the Flush siding
SEE **FIGURE 20**	Place a 3 mm installation ring between the Flush siding and the vertical batten

12. Ensuring the correct finishing

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

SEE **FIGURE 21**	Finish with, for example, a roof trim

ENGLISH UK

FINISHING AROUND A WINDOW

WHAT SHOULD I LOOK FOR WHEN I PLACE TRESPA PURA NFC® FLUSH SIDING AROUND A WINDOW?

- Support the Flush siding directly above the window with a Flush siding support profile (A).
- Finish the side of the window with a Flush siding finish profile (B1) or a Flush siding outer-corner profile (B2).
- Finish the underside of the window with a weather moulding (C).

SEE **FIGURE 22** Finishing around a window

FINISHING AROUND A DORMER

WHAT SHOULD IK LOOK FOR WHEN I PLACE TRESPA PURA NFC® SIDINGS AROUND A DORMER?

- Fix the bottom flush siding with a fast fixing screw.

SEE **FIGURE 23** Finishing on a dormer

VERTICAL INSTALLATION

WHAT SHOULD I LOOK FOR WHEN I PLACE TRESPA PURA NFC® FLUSH SIDING VERTICALLY?

- Place horizontal battens placed 600 mm apart and ensure sufficient ventilation space behind the horizontal battens to allow for natural ventilation
- Apply strips of EPDM rubber on the horizontal battens
- Mount the flush siding vertically on the horizontal battens, supported by the Proface® support profile.
- In case of an inner joint:
  - Ensure the joint in the middle of the horizontal batten, allowing sufficient space for the fixing clip below and above the joint.
  - Cut the support profile to 100 mm length.
  - Place the profile with 8 mm joint above the flush siding underneath.
- Saw the last flush siding vertically to size; drill 8mm holes at least 20 mm from the top of the siding, 20 mm from the side of the siding/horizontal batten; fix the siding with fast fixing screws.

SEE **FIGURE 24+25** Vertical Installation

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QUESTIONS
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