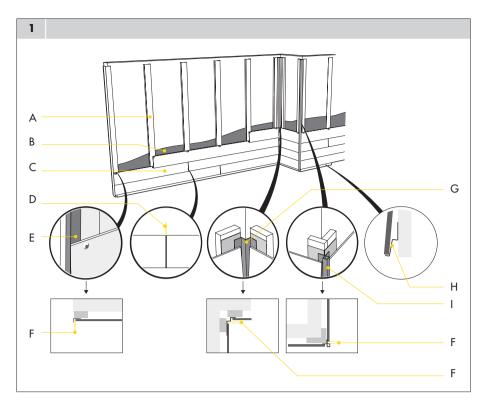
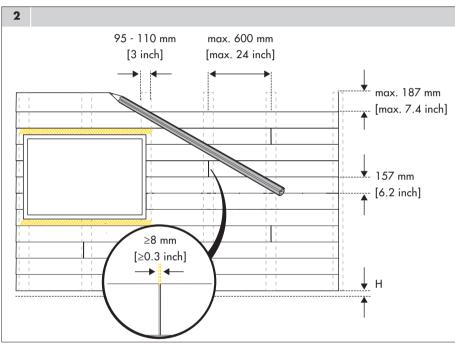
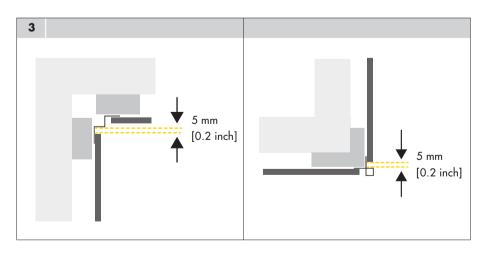
# Trespa Pura NFC®

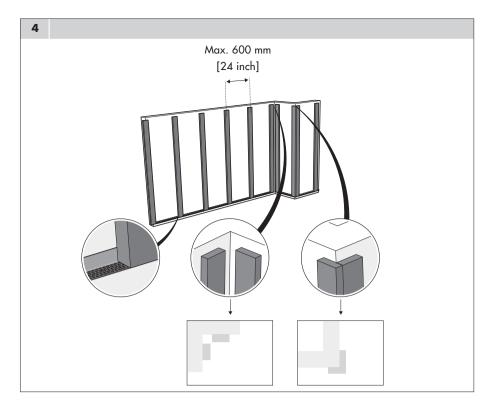


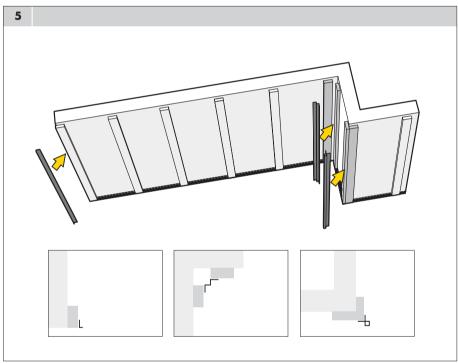


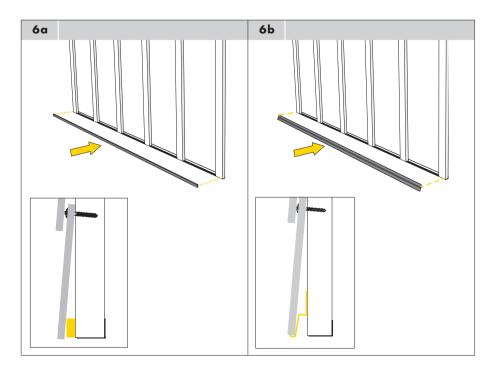


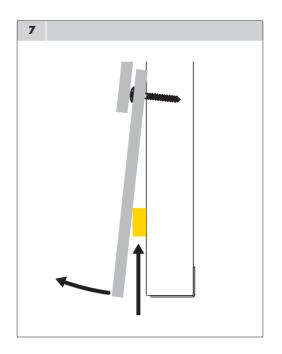


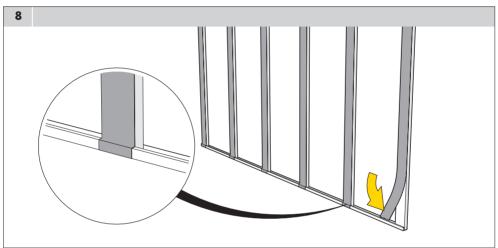


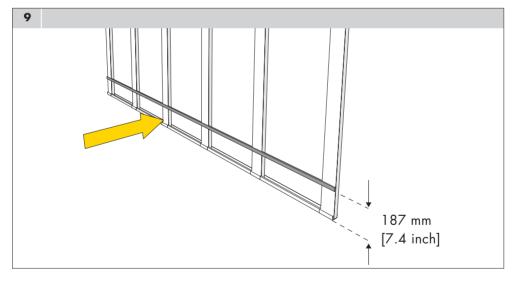


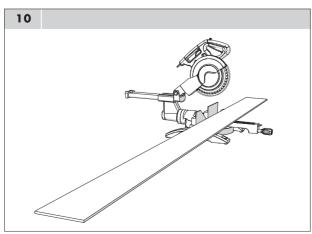


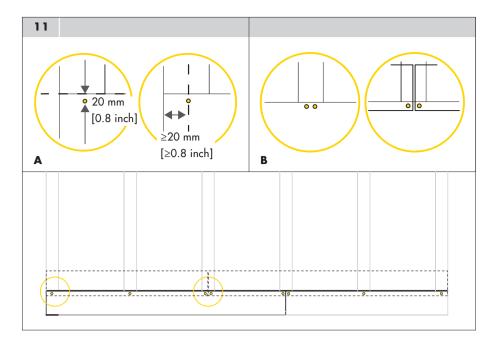


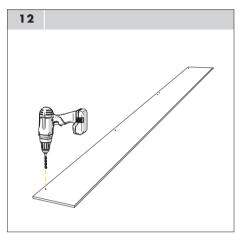


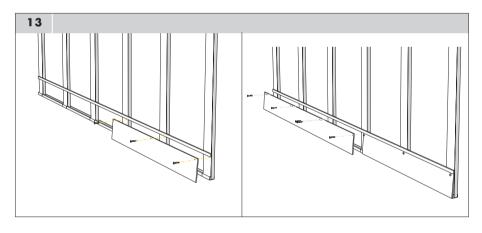


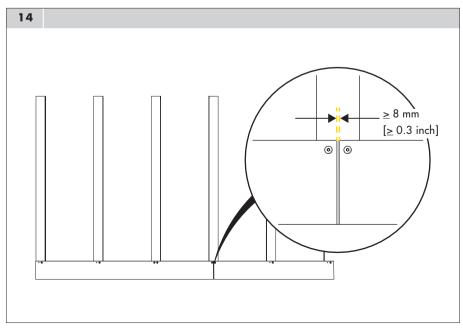


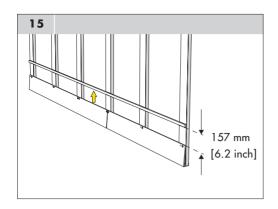


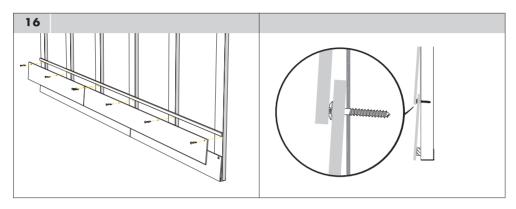


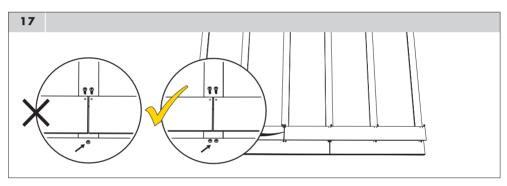


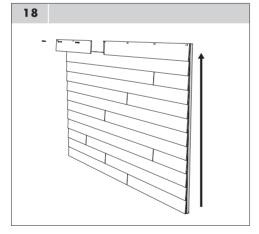


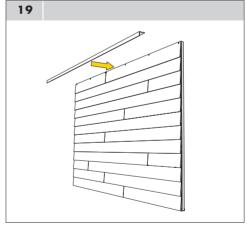


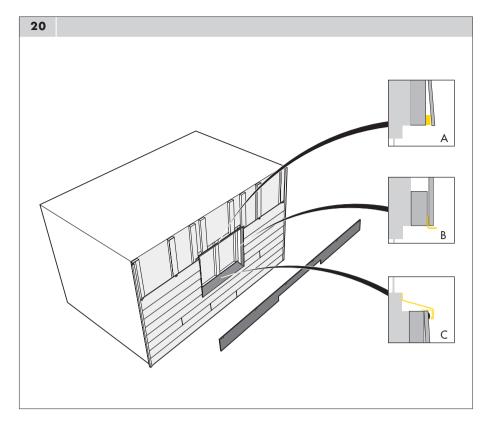


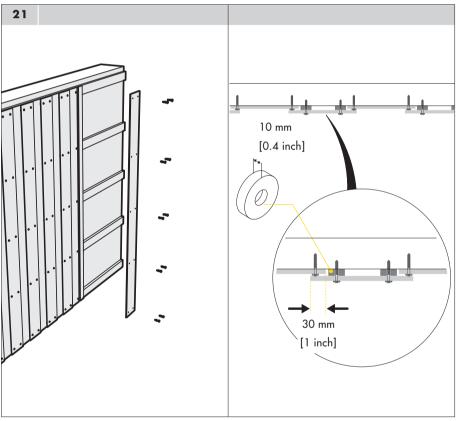












#### **FOREWORD**

## 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.



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 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

## **GET RESULTS IN FOUR SIMPLE STEPS**

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

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

# 1 ENSURING THE CORRECT SUPPLIES

Trespa Pura NFC  $^{\circ}$  Lap siding System Components

Trespa Pura NFC® Lap siding			
	Dimensions (mm)	Available colours	Colour code
	3050 x 187 x 8	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	•		

SFS INTEC HPL - fast fixing screw			
	Dimensions (mm)	Available colours	Colour code
	4.8 × 38	Royal Mahogany	PU 04
		Aged Ash	PU 17
		White Pine	PU 20
		Slate Ebony	PU 22
		Classic Oak	PU 02
		Romantic Walnut	PU 08
HPL fast fixing screw			

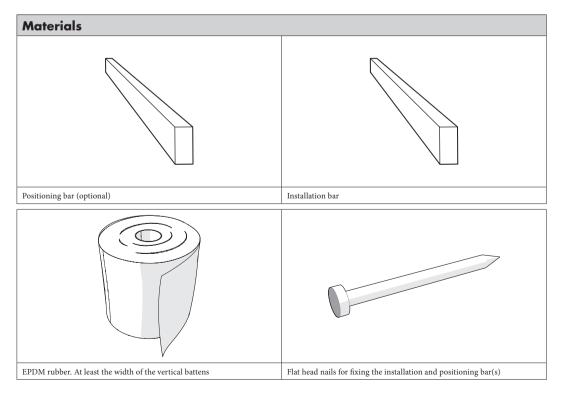
SFS INTEC profile screw			
	Dimensions (mm)	Available colours	Colour code
	4.1 x 30	_	_
SFS profile screw			

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			

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

Proface® Lap siding start profile			
	Dimensions (mm)	Available colours	Colour code
	R5° 59,5	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 start profile			

Proface® Lap siding finish 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 finish profile			



## Tools



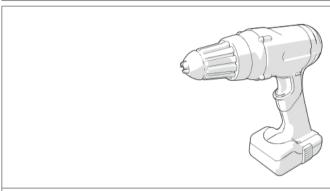


The following general guidelines apply when sawing Trespa Pura NFC® Sidings:

- 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.

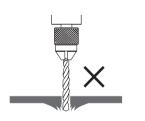
Short saw or circular saw

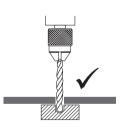


Cordless screwdriver / drill with torque limiting coupling

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

# 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<sup>2</sup>/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

 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 6 <sup>a</sup>	Are you using a positioning bar? Apply the positioning bar.
SEE FIGURE 6 <sup>B</sup>	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

#### **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 NEC® 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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#### QUESTIONS

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

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