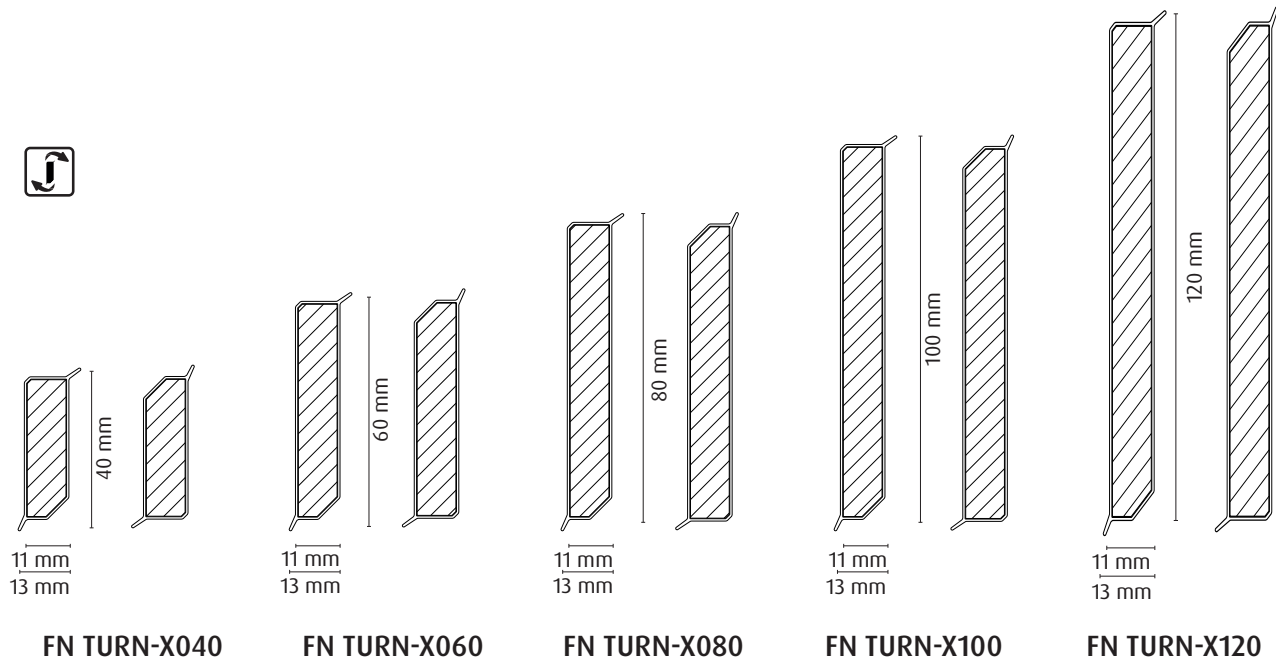


FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

APPLICABLE TO THE FOLLOWING FN TURN-X MODELS



GENERAL NOTES

The installation of skirting boards must be carried out in accordance with the currently applicable legislation, relevant standards, and generally recognized rules of good engineering practice.

The following **standards**, **technical bulletins**, and **industry associations** may provide guidance in meeting these requirements (the applicable national regulations and standards shall take precedence):

- ▶ DIN 18365
- ▶ DIN 18202
- ▶ EPLF (European Producers of Laminate Flooring)
- ▶ FEB (Association of Resilient Flooring Manufacturers)
- ▶ MMFA (Multilayer Modular Flooring Association)
- ▶ BEB (Federal Association for Screed and Floor Coverings)
- ▶ FEP (European Parquet Federation)
- ▶ TKB (Technical Commission for Construction Adhesives), with particular reference to TKB Technical Bulletin No. 8-5/2026

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DELIVERY, HANDLING AND STORAGE GUIDELINES

For a conform appearance, it is recommended to install products from the same delivery batch within a single construction project to minimize potential color variations. All packaging units and products should be carefully inspected for material defects, surface imperfections, as well as differences in color and gloss before installation. Installation of the trim/profile means acceptance of the product. Consequently, any of the mentioned material defects or variations identified after installation shall not be considered reasons for a subsequent product claim.

During transport and storage, packaging units must not be exposed to outdoor weather conditions. Packages should always be handled with care. FN XTRU-pro profiles must be stored indoors in their unopened packaging, laid flat, and must not be stored upright or in damp and dusty environments.

Before installation, the FN XTRU-pro profiles must be acclimatized in their unopened packaging for at least 48 hours at a room temperature of 15°C to 28°C, a relative humidity of 40% to 65%, and a floor temperature of 15°C to 25°C.

For further information, please see:

- Technical product data sheet for the FN Neuhofer Notching Tool 120
- The operating instructions for the FN Neuhofer Notching Tool 120

EXCLUSION OF LIABILITY FOR SITE CONDITIONS

As the manufacturer of FN XTRU-pro profiles, FN Neuhofer cannot be held liable for any improper or unprofessional execution of installation and fitting works. Likewise, FN Neuhofer has no control over the site conditions and external factors prevailing during installation and fitting and therefore accepts no liability in this regard.

The professional performance of all installation works and the responsibility for ensuring that the required site conditions should be approved through the installer.

Further information is available at ⇒ www.xtru-pro.com

For any technical inquiries, please contact us by e-mail at ⇒ office@fnprofile.com

NOTICE REGARDING THE DUTY TO REPORT DEFICIENCIES OR CONCERNS

To ensure the quality of the installation, any unsuitable or unfavorable conditions (e.g. the condition of the substrate and walls, as well as the prevailing indoor climate) should be reported to the client before installation by means of a formal notice of concerns.

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IMPORTANT NOTES PRIOR TO INSTALLATION

There are various fixing methods available, which must be selected according to the specific site conditions. The strength and load-bearing capacity of the walls must be checked in advance, particularly in the case of timber, drywall, or other lightweight construction walls. For fixing FN XTRU-pro core skirting boards with a PP-coated surface, installation using FN hot-melt adhesive is recommended. Alternatively, solvent-free hybrid mounting adhesives based on polymer technology, as well as approved dry-bonding systems such as Uzin Ultratac or Toptac, may be used.

Fixing must be carried out directly onto a appropriate, load-bearing wall substrate and must provide a durable, material-appropriate bond. Fixing directly to the floor or to wallpaper is not permitted. The plaster must be appropriate across the entire fixing area and properly primed in accordance with professional installation practice.

To achieve the intended visual appearance, the perimeter expansion and movement gap of the floor covering must be completely covered by the skirting board. For aesthetic and hygienic reasons, irregularities and protrusions should be avoided by ensuring an accurate fit and precise joint formation. The frequency and arrangement of joints, as well as the proper cutting and forming of inside and outside corners, must be done with particular care and in a professional manner.

Where necessary, the use of suitable colour-matched sealants for any sealing work must be ensured. Preference should be given to hybrid polymer-based products or neutral-curing sealants. The use of acetic acid-curing sealants is not permitted.

USE OF TOOLS

Please observe the respective operating instructions, product data sheets, and safety data sheets for the FN Neuhofer Notching tool "120", FN Hot-Melt Glue Gun, FN Straight Cutter for Skirting Boards, and all other specialized tools of the FN tool system to ensure the professional processing and installation of FN XTRUpro profiles.



FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

STEP-BY-STEP INSTALLATION PROCEDURE

FOR INTERNAL CORNERS / EXTERNAL CORNERS / END CAPS / ACUTE AND OBTUSE ANGLES E.G. 135°

I. STEP – PREPARATION PHASE

Before starting the installation, confirm with the customer which profile edge is required, square-edged or chamfered. This determines the front and reverse sides of the profile. Before applying the adhesive, remove the protective film from the back of the profile. The protective film on the front may remain in place for as long as agreed with the customer.

You can measure and punch the FN XTRU-pro profiles in either direction, from left to right or from right to left. However, we recommend starting from left to right, and the following instructions are based on this approach.

Begin measuring and installing the FN XTRU-pro profiles on the left-hand side of the room, preferably starting directly at a door frame or room corner. Work from left to right and measure and cut the internal and external corners as described below:

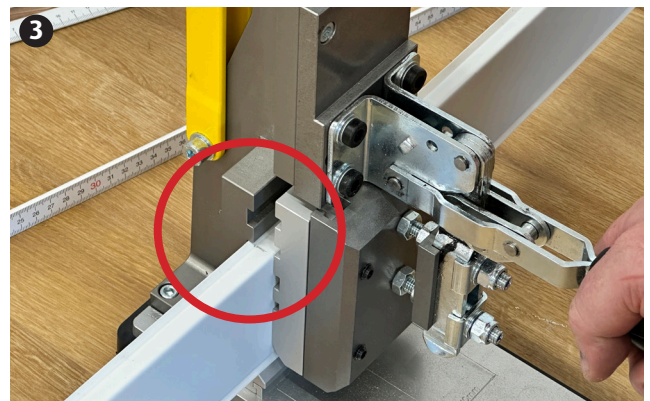
II. STEP – MEASURING AND PUNCHING INTERNAL CORNERS



Measure the distance from the door frame to the internal corner as accurately as possible using a folding rule **1a** or the XTRU-pro measuring template **1b** supplied with the tool case.



Transfer the measured dimension to the profile and, from that point, measure exactly 40 mm **to the left**. Mark this position as the punching point.

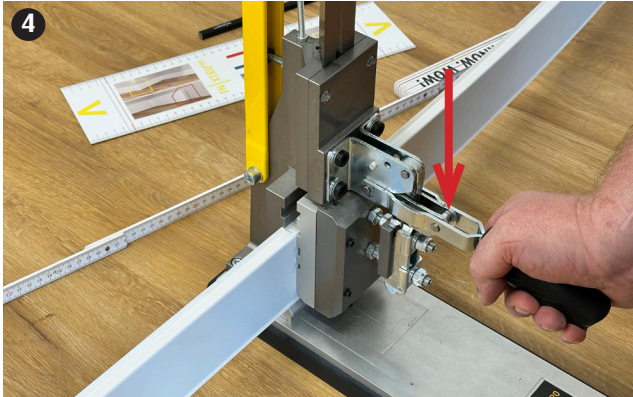


Place the profile against the FN Neuhofer Notching tool „120“ with the marked point positioned exactly flush with the **left edge** of the notching tool.

FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

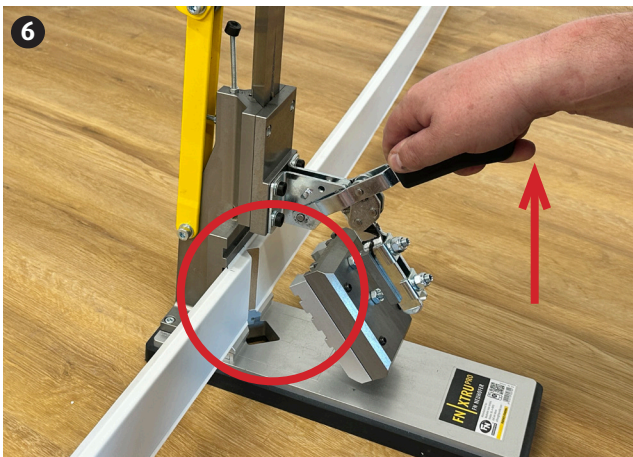
II. STEP – MEASURING AND PUNCHING INTERNAL



Press the clamping handle down. This fixes the profile in position against the base plate by means of the clamping jaws. The clamping handle must fully engage and lock into place.



Now press the punching handle downward. This causes the punching blade to make the mitre cut precisely at the designated position on the inside of the profile. After the punching operation, the punching handle automatically returns to its upper position by means of the return spring mechanism.



Pull the clamping handle upward to release the clamping jaws from the profile. The offcut will automatically fall into the designated recess provided for this purpose.



Before fixing the profile in place, check that the punching operation has been carried out correctly.



To fix the profile to the wall, apply the hot-melt adhesive evenly, preferably in a wave pattern **8a** in spots **8b** (at intervals of approximately 20 cm). The cut edge created by the punching process should also be bonded to provide long-term protection of the corner against moisture. Then press the profile firmly against the wall in the intended position for at least 10-15 seconds, until the adhesive has cooled and cured.

FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

III. STEP – MEASURING AND PUNCHING EXTERNAL CORNER

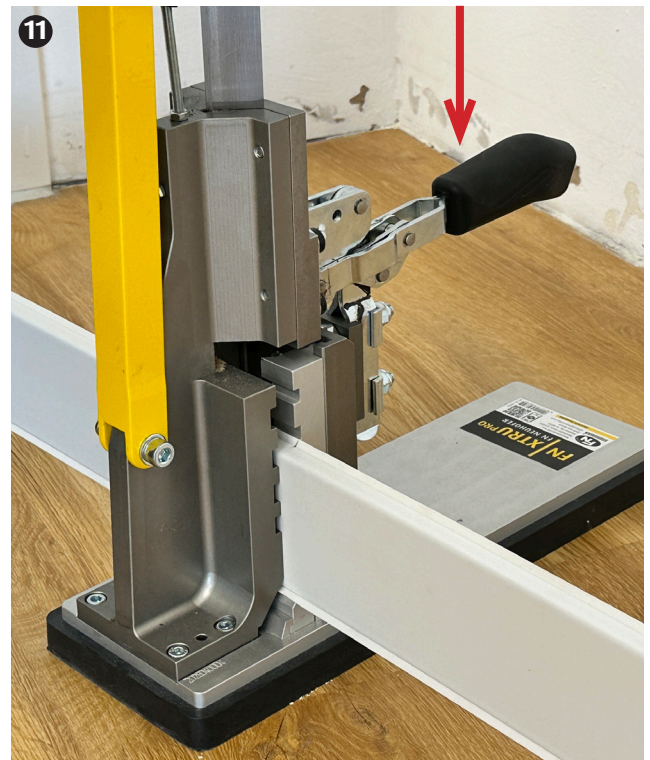
NOTE: When punching external corners on dark-coloured FN XTRU-pro profiles, a phenomenon known as “stress whitening” may occur. This can be eliminated by gently heating the affected area or rubbing it against another plastic surface.



Measure the distance to the external corner as accurately as possible using a folding rule or the XTRU-pro measuring template supplied with the tool case, and mark the position of the external corner on the profile. From this reference point, measure a further 51 mm to the right and mark the punching point.



As an external corner is now to be punched, rotate the FN Neuhofer Notching tool „120“ so that the punching handle points towards the wall. Insert the profile so that the mark on the profile is aligned flush with the right-hand edge of the base plate.

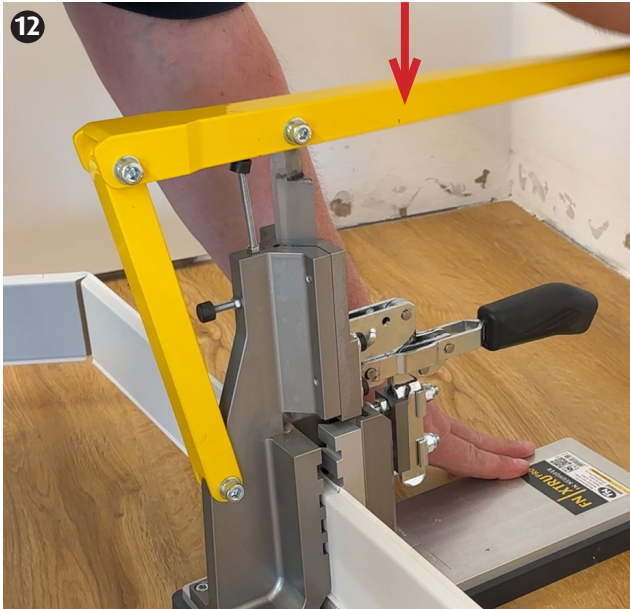


Press the clamping handle down. This fixes the profile in position against the base plate by means of the clamping jaws. The clamping handle must fully engage and lock into place.

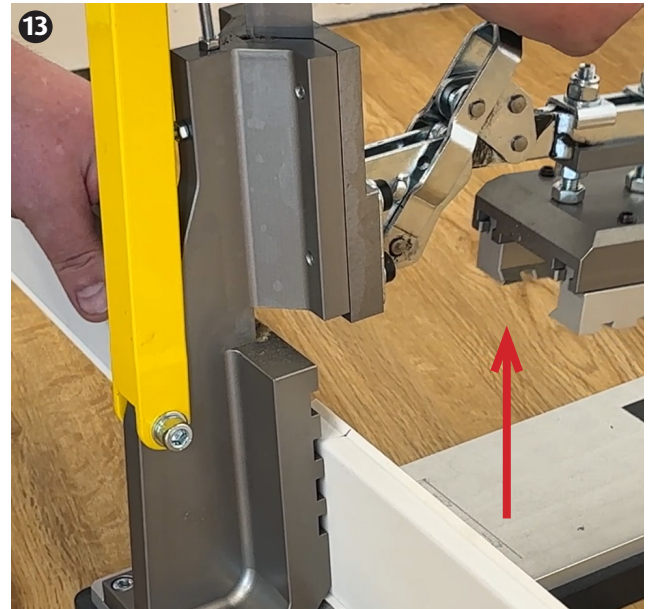
FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

III. STEP – MEASURING AND PUNCHING EXTERNAL CORNER



Now press the punching handle downward, causing the punching blade to make the mitre cut precisely at the designated position on the outside of the profile.



After the punching operation, the punching handle automatically returns to its upper position by means of the return spring mechanism. Lift the clamping handle to release the clamping jaws from the profile. The offcut will automatically fall into the designated recess provided for this purpose.



Before fixing the profile in place, please check that the punching operation has been carried out correctly and that all required cut-outs are present. This will help ensure trouble-free installation and an optimal fit.

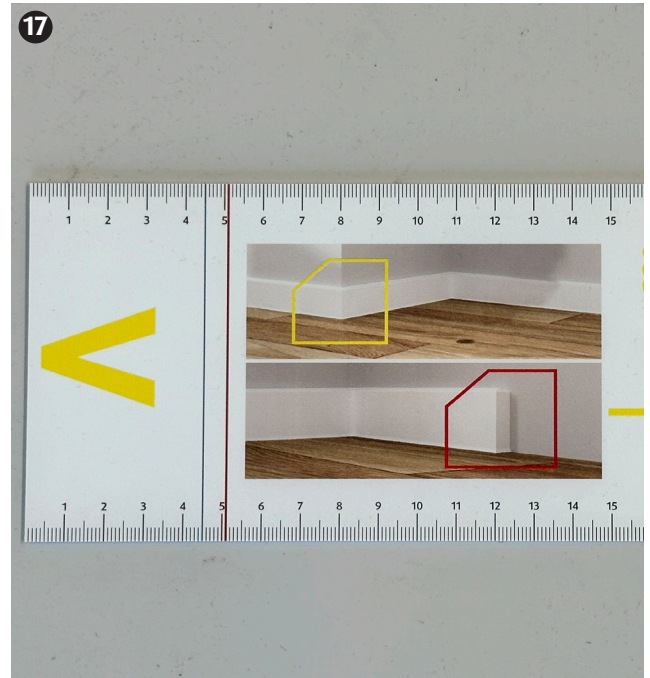
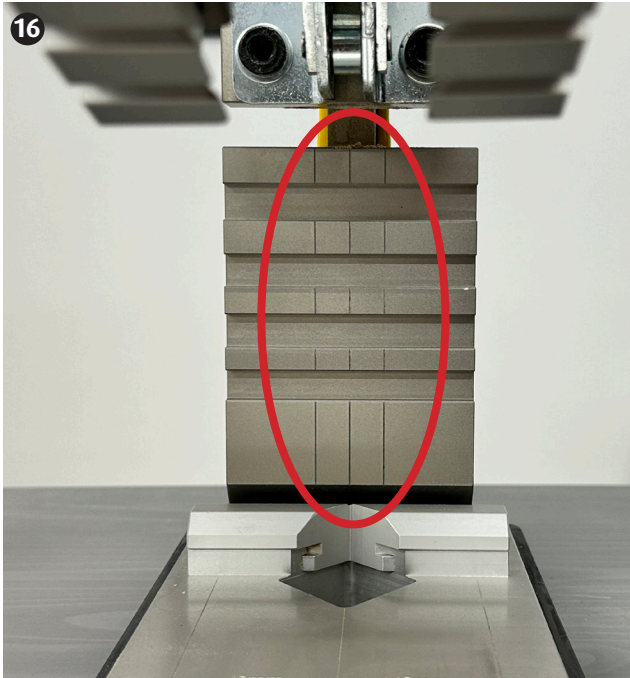


To fix the profile to the wall, apply the hot-melt adhesive evenly, preferably in a wave pattern or in spots (at intervals of approximately 20 cm). Then press the profile firmly against the wall in the intended position for at least 10-15 seconds, until the adhesive has cooled and cured.

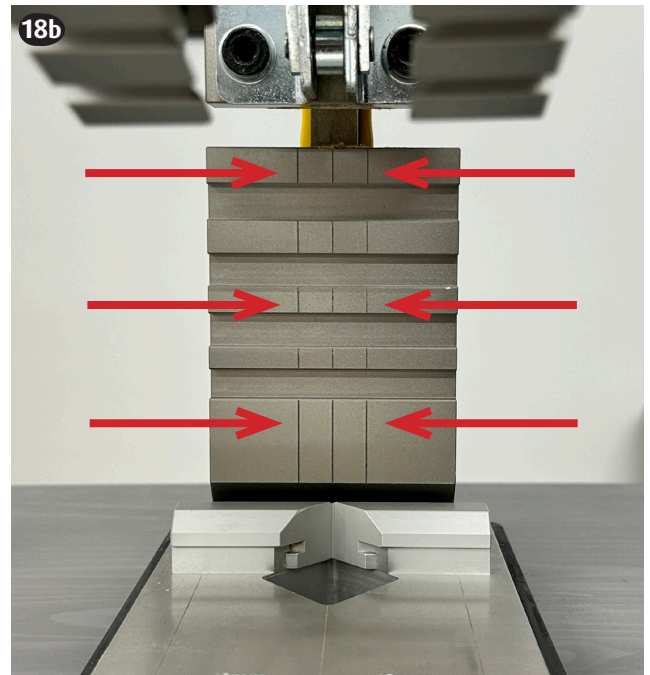
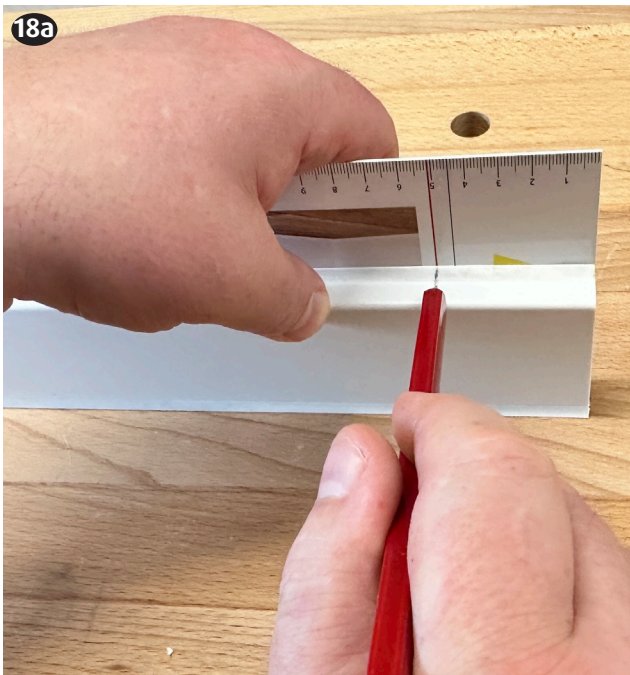
FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

IV. STEP – MEASURING AND PUNCHING END CAPS (LEFT/ RIGHT)



The base plate of the FN Neuhofer Notching tool „120“ features special markings located exactly 11 mm to the left and right of the centre point for the precise punching of left-hand and right-hand end caps.



Measure the distance as accurately as possible using the supplied XTRU-pro measuring template **18a** mark the position of the end cap, and transfer this measurement to the profile. Insert the profile into the FN Neuhofer Notching tool „120“ so that the marked end position aligns precisely with the left-hand or right-hand reference mark **18b** located on the base plate, measured from the main centre axis..

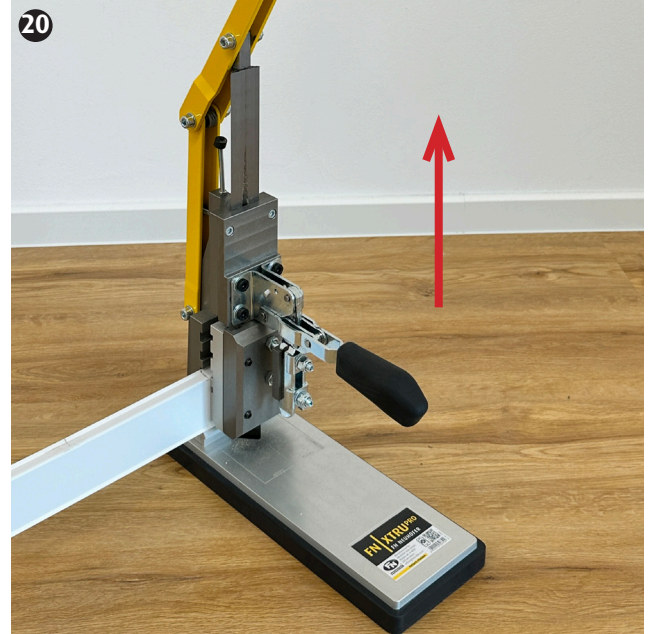
FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

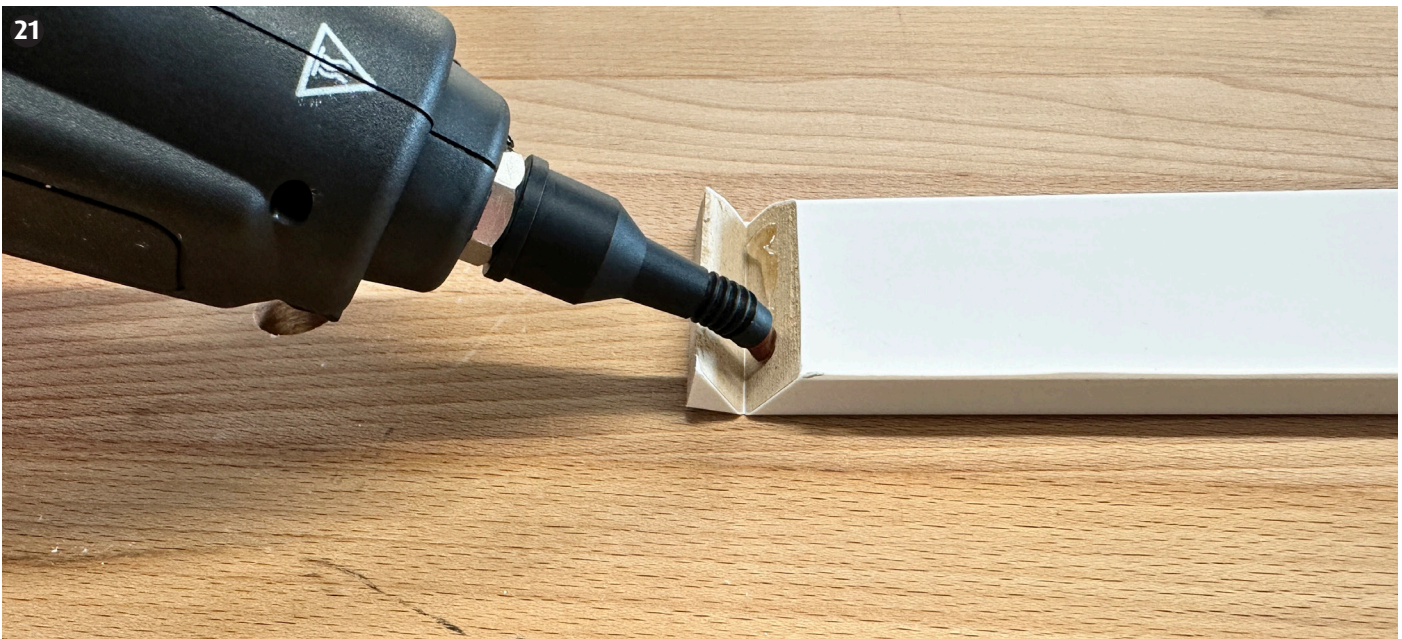
IV. STEP – MEASURING AND PUNCHING END CAPS (LEFT/ RIGHT)



Press the punching handle downward to make the mitre cut precisely at the designated position on the outside of the profile.



After the punching operation, the punching handle automatically returns to its upper position by means of the return spring mechanism. Lift the clamping handle to release the clamping jaws from the profile. The offcut will automatically fall into the designated recess provided for this purpose.

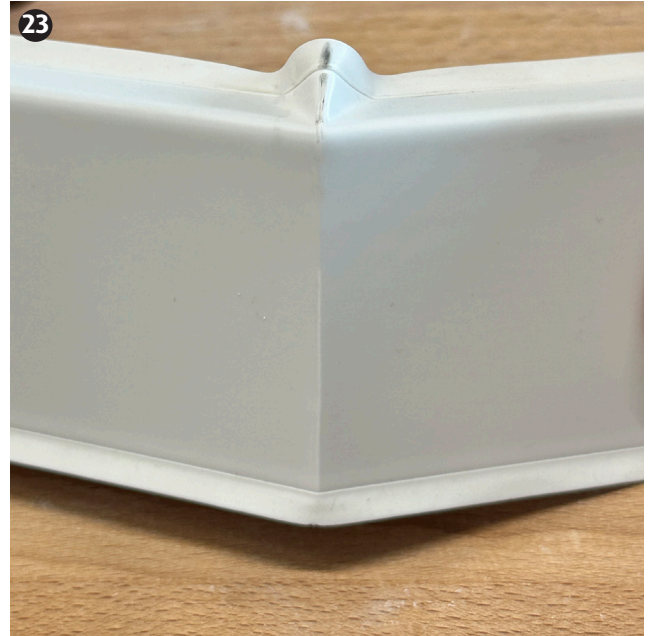
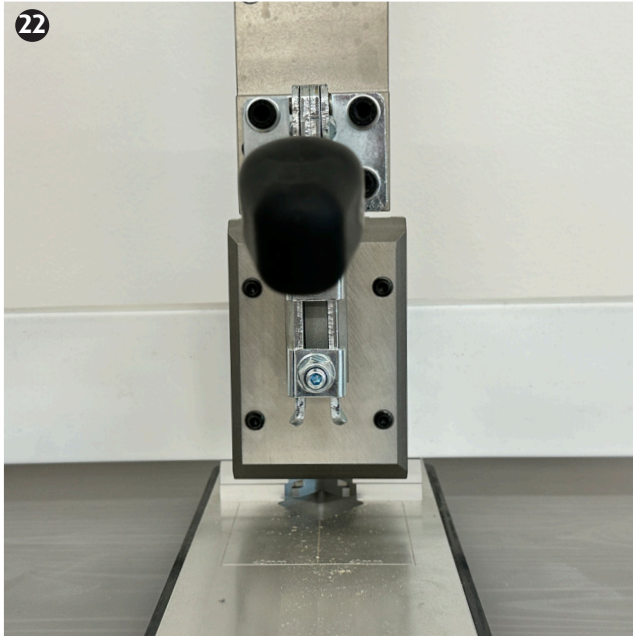


Now apply the FN hot melt glue into the opening that has been created. Then fold the loose end back by 90° and glue it to the skirting board. The adhesive seals the MDF and protects it from moisture. The solidcore skirting can then be glued to the wall as described in steps **15a** and **15b**.

FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

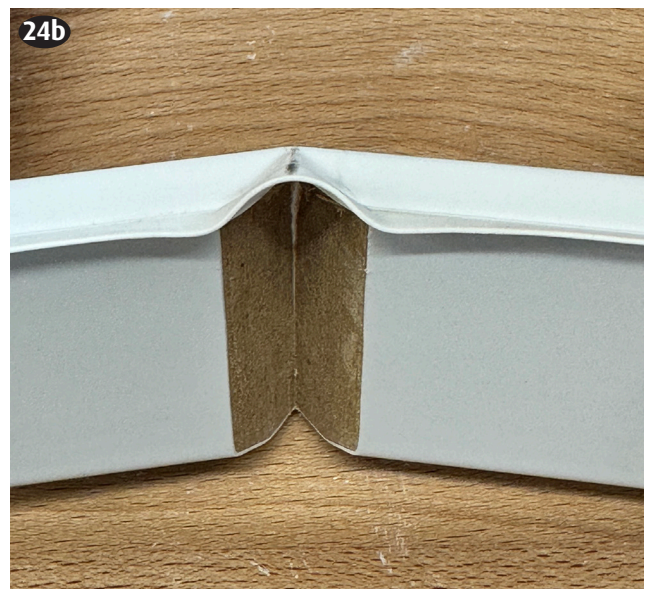
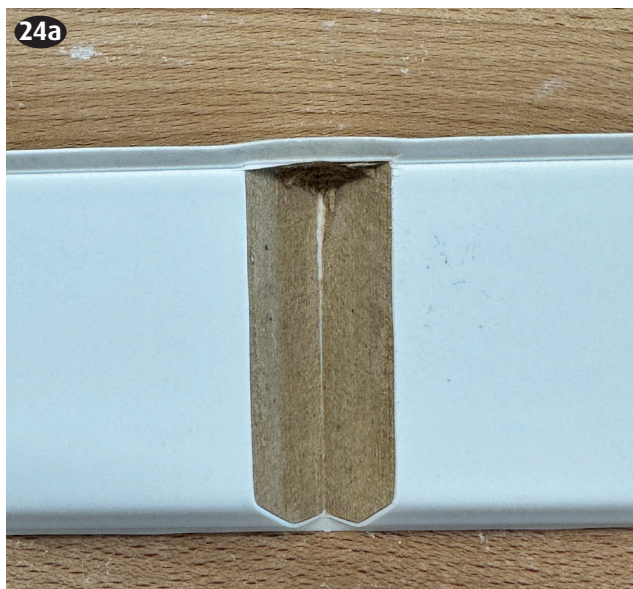
V. STEP – MEASURING AND PUNCHING 135° ANGLES



Carry out the steps in accordance with the instructions for Internal Corners (Figures 1a to 4) and External Corners (Figures 9a to 11).

ATTENTION!

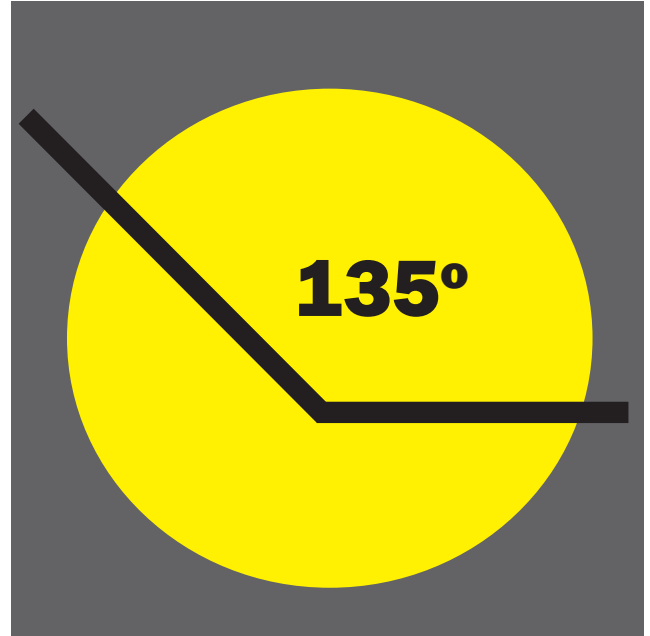
- ▶ When punching 135° angles, the profile must be inserted upside down, i.e. with the top side facing downward
- ▶ The punching handle must be pressed down very carefully until the PP layer is reached
- ▶ In this position, the depth stop 22, i.e. the vertical screw located at the top of the column and fitted with a black rubber cap, can be adjusted so that each punching operation stops at exactly this point
- ▶ After the punching operation, remove the profile, turn it over, and inspect the result
- ▶ The upper and lower sealing lips should remain undamaged (Figures 24a and 24b)



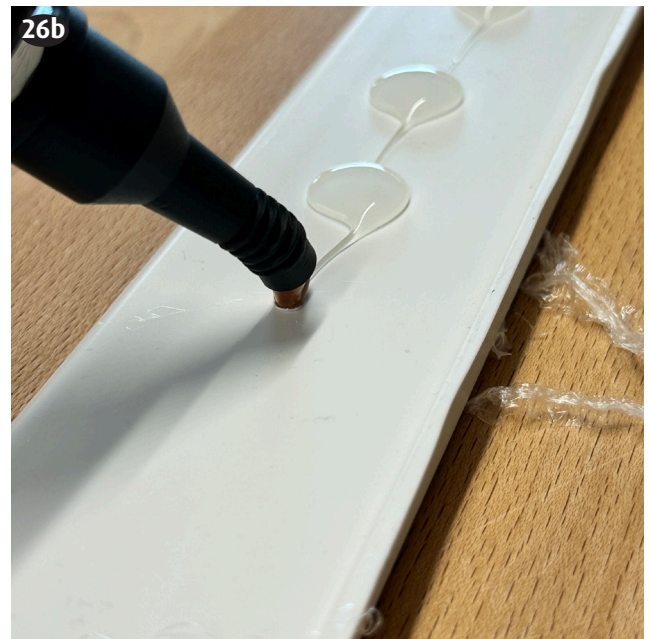
FN XTRU-pro – Installation Instructions

Step-by-step guide with illustrative images for each stage

V. STEP – MEASURING AND PUNCHING 135° ANGLES



Before fixing the profile in place, check that the punching operation has been carried out correctly. Then press the profile against the wall and use a flooring knife or a similar tool to make relief cuts at the punched section: on the upper side for an external corner and on the lower side for an internal corner.



To fix the profile to the wall, apply the hot-melt adhesive evenly, preferably in a wave pattern (**26a**) or in spots (**26b**) at intervals of approximately 20 cm. The cut edge created by the punching process should also be bonded to provide long-term protection of the corner against moisture. Then press the profile firmly against the wall in the intended position for at least 10–15 seconds, until the adhesive has cooled and cured.

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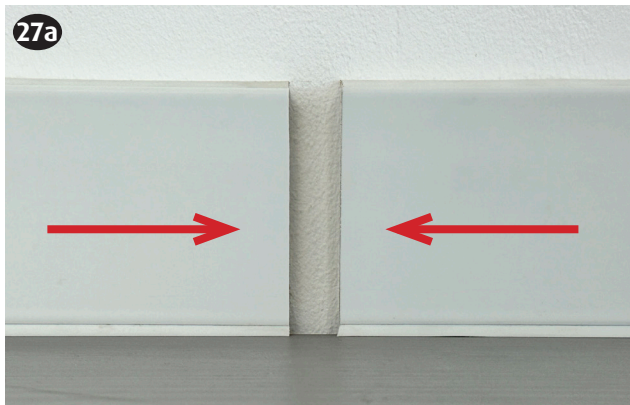
Step-by-step guide with illustrative images for each stage

VI. STEP – JOINING AND BONDING THE PROFILE

For continuous installation of FN XTRU-pro profiles, adjoining profile ends must be securely bonded together to form a tight-fitting joint and prevent the ingress of moisture.

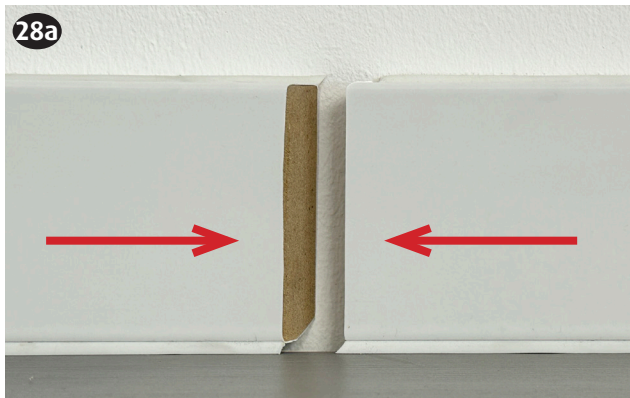
There are two options for joining:

1. Straight Joint



Cut the end or starting section of the profile straight and square using the FN Straight Cutter for Skirting Boards.

2. Punched at 45° on Both Sides (Right-Hand / Left-Hand Mitre Joint)



Punch the end or beginning of the profile at a 45° angle using the FN Neuhofer Notching tool „120“. Ensure that the sealing lips are also cut at the correct angle.

FINAL REMARKS

To avoid complaints and ensure customer satisfaction, remove all marking points after completion of the installation. The protective film must only be removed after consultation with the customer or end user. If the profiles are installed on a construction site, the protective film should remain on the surface until all work has been completed. This helps protect the profiles against damage, contamination, and other external influences.

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CLEANING AND MAINTENANCE

For normal household dirt such as dust or deposits, FN XTRU-pro profiles can, for example, be vacuumed and simply wiped clean with a damp cloth (e.g. a microfiber cloth).

The use of commercially available cleaning agents diluted with water is also suitable. Please follow the manufacturer's instructions regarding the recommended dilution and application.



The following cleaning agents and cleaning methods must **NOT** be used:

- ▶ Please do not use solvents or solvent-based cleaning agents, as they may soften, dissolve, or damage the surface finish
- ▶ Cleaning agents containing alcohol or alcohol-like substances should be tested on a sample piece before use to assess their effect on the surface
- ▶ Cleaning agents with abrasive properties, as well as scouring powders, abrasive pads, scouring sponges, hard brushes, or similar cleaning tools, must not be used, as they may damage the surface

Other cleaning instructions:

- ▶ The use of steam cleaners or any other mechanical or electrical cleaning equipment is not permitted
- ▶ Any standing water, moisture, or wetness on the floor should be removed immediately
- ▶ Damage or contamination caused by external influences or by work carried out on adjacent building components must be avoided
- ▶ Appropriate measures must be taken to protect the profiles from accidental damage or contamination