

LINEAXS

Slim floor showers trap

MADE IN ITALY

valsir®

QUALITY FOR PLUMBING



LINEAXS

Adjustable showers drain height and channel width for optimal installation versatility.

Linea XS transforms traditional floor-level channel drains thanks to its reduced **space requirements, installation ease and flexibility as well as optimal performance**.
The structure consists of an elegant minimal stainless-steel **grate design**, adjustable **drainage height body**, and slim floor trap system making Linea XS the best choice for both new build construction and **renovations**, where the sub-floor height are reduced.

Linea XS fully meets the requirements of the UNI EN 1253 and UNI EN 274 standards, with **an excellent drainage flow rate (0.6 l/s) and excellent odour resistance (200 Pa)**.



MADE IN ITALY

THE ADVANTAGES OF LINEA XS

The Linea XS **trap body** is made of **PP** and has two slotted tassel anchor points assuring stability of the drain during jetting of concrete in attaining the desired position.

The channel drain segment, by means of a clamp and protection ring, is connected to the siphon drain body, **thereby guarantying** a **watertight seal**. The channel segment made in PVC allows for easy adhesion to all waterproofing membrane sheets of the same material.

The **ABS** channel drain has a slight slope in channelling the water towards the central outlet. An incorporated **measurement guide has been placed on the underside of the drain**, serving as a reference point in case the desired length needs to be reduced by cutting off the end terminals.

The drain also comes equipped with a **hair strainer, which can be easily removed for cleaning**. The 316 stainless steel **grate** is 800 mm long and is available in a **polished or brushed finish**.

UNI EN 1253

28 mm water guard compliant with the UNI EN 1253 standard.

68 ÷ 212

Installation **height from a minimum of 68 mm up to a maximum of 212 mm**.

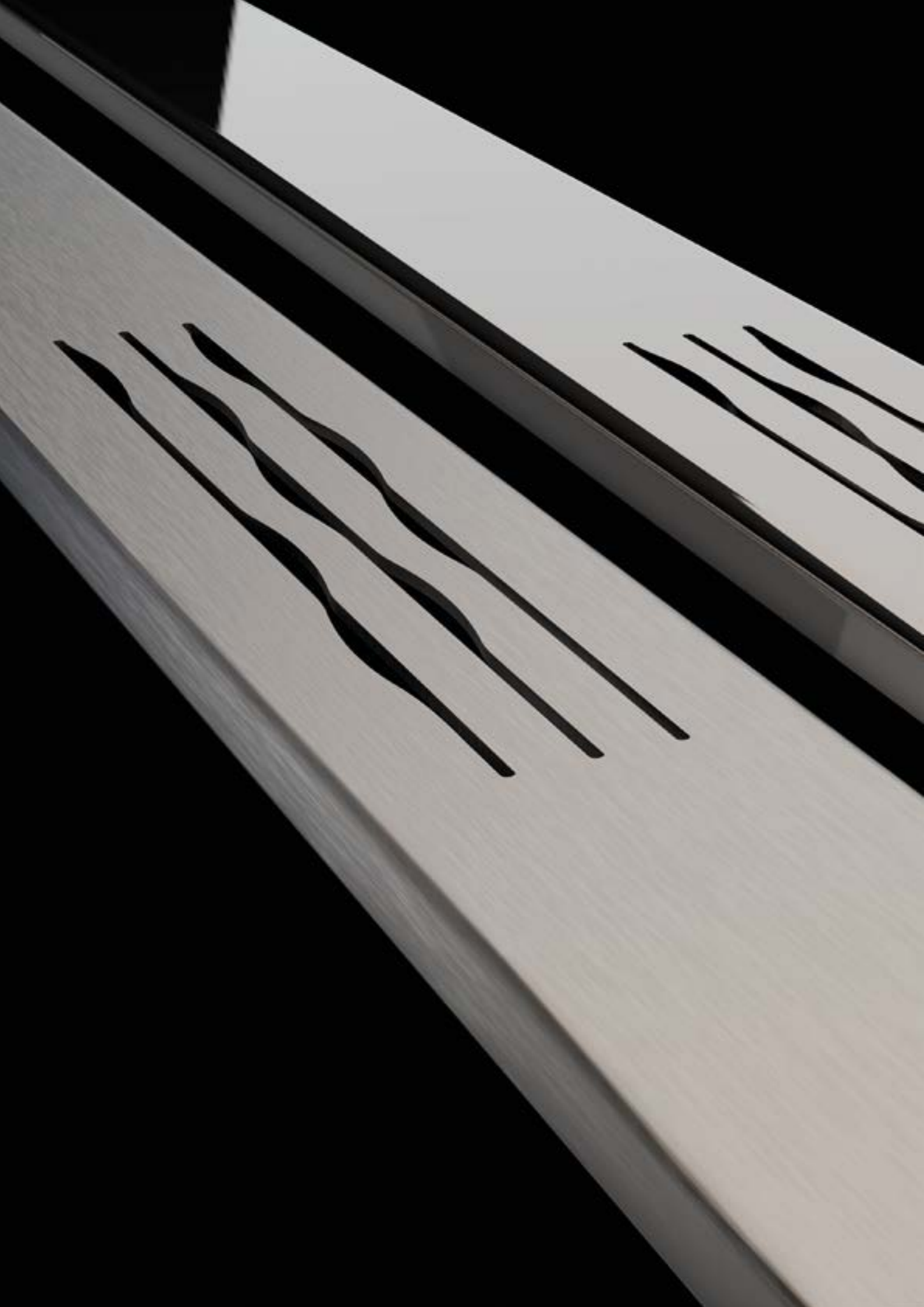
The Linea XS can easily adapt to any situation rendering **installation quick, easy, and simple**.

Absolute freedom in terms of positioning the grate, even in proximity of the shower wall.

Improved waterproofing, thanks to the PVC support flange compatibility to various adhesives and membranes.

Complete access for easy maintenance.





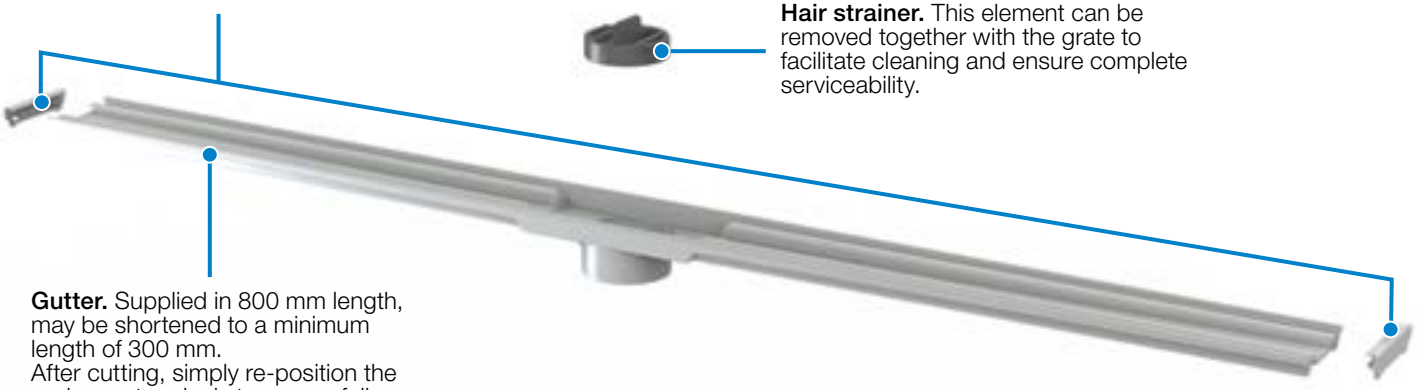
WHAT DOES THE SYSTEM CONSIST OF?

Grate. Made of 316 stainless steel available in both a polished or brushed finish.
The grate may be cut and adapted to the gutter length desired.



End caps.

Hair strainer. This element can be removed together with the grate to facilitate cleaning and ensure complete serviceability.



Gutter. Supplied in 800 mm length, may be shortened to a minimum length of 300 mm.
After cutting, simply re-position the end caps terminals to ensure full functionality.
Linea XS can be placed in any position within the shower tray, even in proximity of the wall.



Drain body. Can easily adapt to the desired installation height, as low as 68 mm, by cutting the end piece before connection to the trap. It comes with a PVC bonding plate to facilitate the adhesion of the waterproofing membrane.

Clamp and clamp cover.
Greatly improves the watertightness of the seal.



Trap. With its compact size and Ø 40 mm outlet, the trap has two slotted tassel anchor points which are then fixed to the sub-floor and can be rotated for an easy installation.
The trap's innovative body shape guarantees perfect drainage flow rates of up to 0.6 l/s (36 l/min).

The perfect waterproofing kit

Valsir offers a complete floor level shower drain kit guarantying a perfect waterproof seal.
The kit contains 3 essential elements.
The sealing substance consists of a cement-silica sand based compound guarantying high elasticity, excellent adhesion to the substrate, and reduced floor consolidation time (approx. 20 h).
The polyester tape and 4 corner pieces ensure continuity between the various shower components as well as preventing water infiltration.
The perimeter band in white polyethylene foam compensate for the sub-floor's thermal expansion.



LINEA XS AND ITS CONFIGURATIONS

Multiple adjustment possibilities

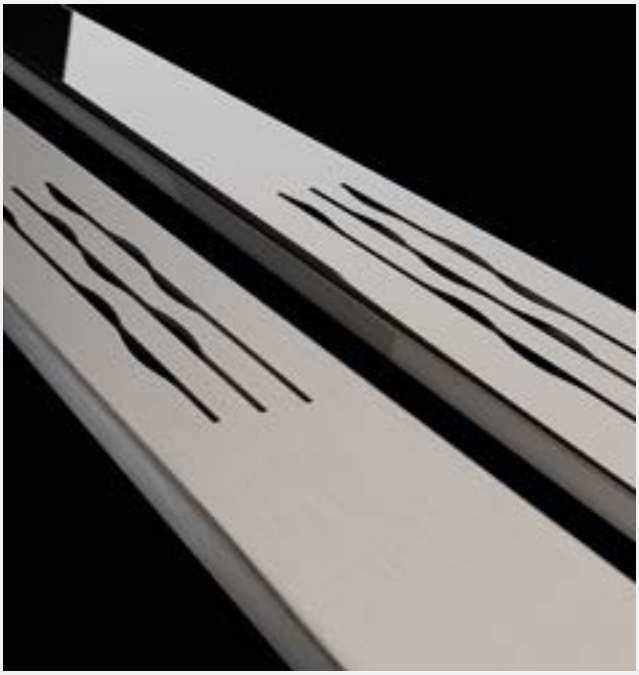
The drain body height H can be adapted to sub-floor thicknesses ranging from 212 mm to 68 mm, depending on requirements.



The grate support gutter height can be adjusted to suit a wide variety of floor covering thicknesses, ranging from a maximum of 23 mm to a minimum of 13 mm.
The gutter outer edge may be reduced to a maximum of 10 mm.







Give renewed life and vigor to your home with the exclusive Linea XS floor shower grate!

Made of stainless steel, available in either a polished or brushed finish adding a touch of style to your bathroom.

A modern, minimalist design that will transform your shower into an exclusive wellness area! Choose polished steel for a brilliant shine, or brushed steel for a discreetly elegant look.

If required, you can reduce the length of the grate, which can be reduced from 800 mm to as little as 300 mm: with Linea XS, there are no limits to what you can do!

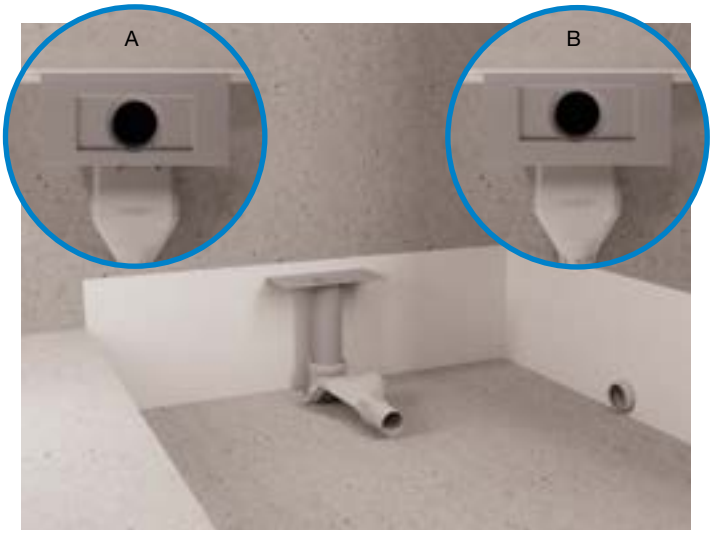
INSTALLATION

Watch the video



Step 1

Using the waterproofing kit (VS0710305), apply the white polyethylene foam perimeter strip along the sidewalls to compensate for the sub-floor's thermal expansion, thereby preventing any cracks from forming. The strip provided have an adhesive on one side for perfect adhesion to the walls, making for a quick and easy installation.
A second perimeter strip may be utilized compensating for any additional thermal expansion.



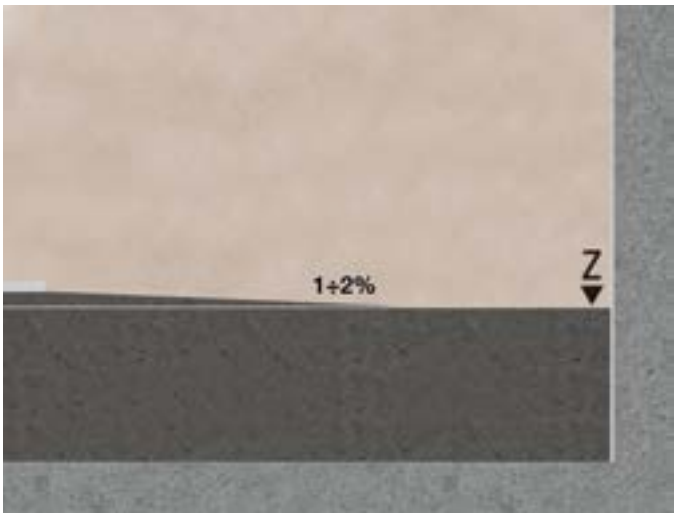
Step 2

Depending on the thickness of the tile covering for the shower walls, the trap can be positioned in two different configurations: one side of the drain body has a depth of 25 mm (solution A) while the other side a depth of 15 mm (solution B).
The trap can also be freely oriented with respect to the drain body (and thus with respect to the wall), directing the drain outlet in the most convenient manner possible.



Step 3

Once the position of the trap has been established, secure the product firmly with two tassels, using the slots on the sides of the product: this will prevent any accidental movements.



Step 4

Mark the correct height Z of the sub-floor on the perimeter strip. This will be the starting point from which the shower floor covering will be applied.



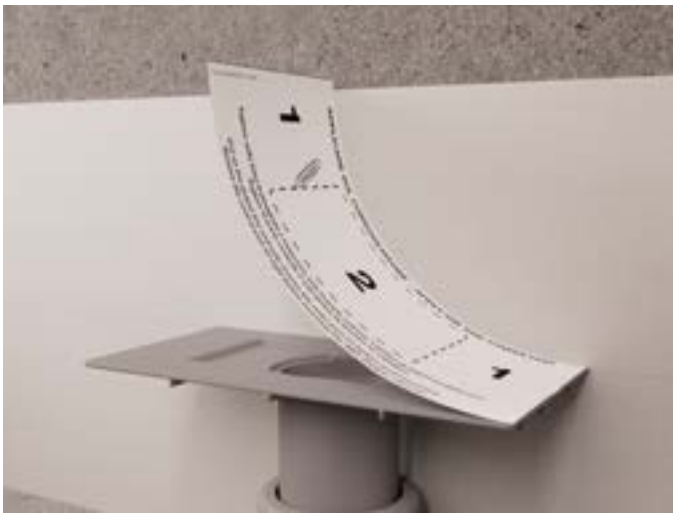
Step 5

Insert the drain body all the way into the trap (see the detailed view). Then, measure the difference in height H between the drain body and height Z.



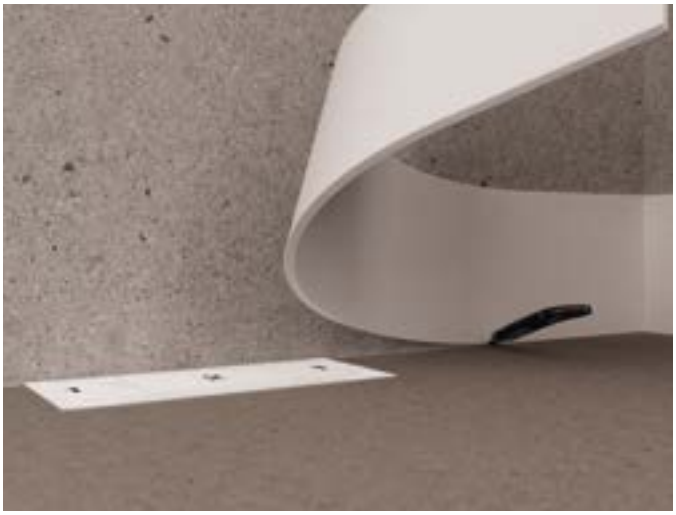
Step 6

Extract the drain body from the trap and mark the height H along the vertical line of the perimeter wall starting from the lower end. Cut the perimeter wall with a pipe cutter, removing the excess.
Next, use an appropriate tool to deburr and chamfer, then lubricate the perimeter wall before inserting it all the way into the trap.



Step 7

Before laying the sub-floor, apply the protective adhesive contained in the package to the drain body preventing any debris from entering and obstructing the drain body.
Then proceed with laying the sub-floor.



Step 8

Allow the concrete of the sub-floor to dry properly, then use a cutter to remove the excess portion of the perimeter strip.



Step 9

Before laying the waterproofing material, trim the adhesive along the dotted line, removing the outer part marked number 1 and applying the inner part marked number 2.



Step 10

Using the glue and the grey polyester tape supplied in the kit (VS0710305), proceed with the laying of the waterproofing material, which is necessary to ensure continuity between the various components of the shower and to prevent water infiltration.
Place a first layer of waterproofing material along all the joint lines (between the drain body, the sub-floor, and the walls), apply the necessary portion of grey tape on top of this, and finish with a second layer of waterproofing material.



Step 11

Allow the waterproofing material layer to dry sufficiently, and remove the protective adhesive indicated by the number 2.



Step 12

Using a brush, spread the waterproofing material along the entire flange of the drain body, taking care not to allow the liquid to overflow into the drain body.



Step 13

The gutter has a length of 800 mm, and with the protective caps reaches a maximum length of 804 mm.
Place the protective end cap terminals on both sides of the gutter, and insert the grate. Into the drain body, and then mark the required length. Depending on the desired aesthetics, it can be reduced to a minimum of 300 mm.



Step 14

To cut the gutter and grate to the desired length, remove all components from the drain body.
Remove the protective caps from the gutter taking care not to discard them.
Turn the gutter upside down, mark the measurement previously taken, and cut with a metal cutting saw, following the indications on the underside of the gutter.



Step 15

Bevel the edges and reapply the protective caps.
Then measure the inside distance between the two caps and mark them on the grate.
Then carefully cut the grate with a metal cutting saw.
Bevel the edges, using a fine-grained file to remove any inaccuracies caused from cutting the steel grate, and insert the grate into the gutter.



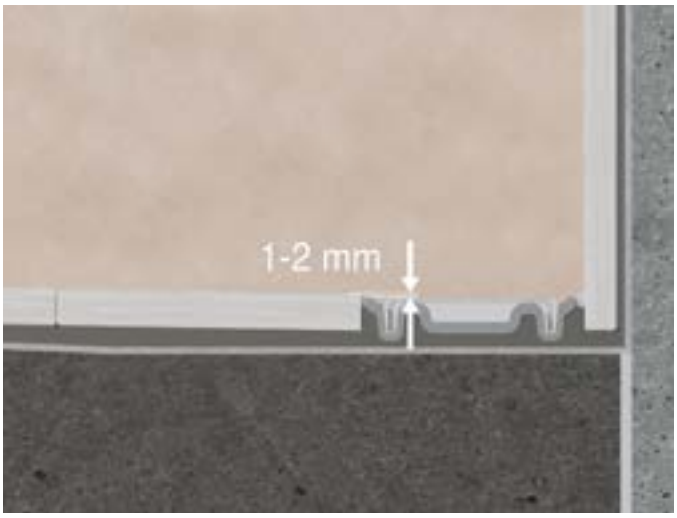
Step 16

In order to adapt the level of the gutter and the grate to the reduced thickness of the floor covering, the length of the gutter shank can be reduced by removing up to 10 mm.



Step 17

Place tile adhesive on both the shower drain plate and the underside of the gutter.
Place the gutter inside the drain body and press it in the housing.
Then proceed with laying the tile covering.



Step 18

For proper water drainage, it is necessary to ensure a gap of at least 1-2 mm between the shower covering and the grate.





TECHNICAL DATA

Characteristics of the Linea XS trap



Characteristics	
Product standards	UNI EN 1253 - UNI EN 274
Trap material	PP
Drain body material	PVC
Gutter material	ABS
Production process	Moulding
Grate length	300 - 804 mm
Grate drain material	Stainless steel AISI 316
Max drain body length	145 mm
Trap body length	291 mm
Trap body width	125 mm
Minimum and maximum height from the base of the trap body to the bottom of the drain body	68* - 212 mm
Minimum and maximum overall height from the base of the trap body to the grate	81 - 235 mm
Pipe inlet Ø	40 mm
Sealing element between the drain body and the trap body	Clamp
Hydraulic seal	28 mm
Maximum flow rate	0,6 l/s - 36 l/min
Odour resistance	200 Pa
Maximum header	20 mm
Waterproofing sheet	NOT supplied

*below the flange for waterproofing sheet connection

Click here to download the **complete data sheet** for the Linea XS trap.

Linea XS trap



CODE	Installation height		Body length	Grate length		
	Min.	Max.		Min.	Max.	
VS0701840	68	212	291	300	804	1

Linea XS grille



CODE	Finish	
VS0701841	Polished steel	1
VS0701842	Brushed steel	1

Waterproofing kit



CODE	
VS0710305	1

Consists of 2.5 kg of glue, 2 inside corners, 2 outside corners, and 6 m of perimeter stripping.



CUSTOMER SERVICE

Technical support

Valsir provides complete support during design and on site, thanks to a high-level technical department that consists of a team of engineers with international experience that are capable of providing solutions to all installation needs.





Valsir Academy

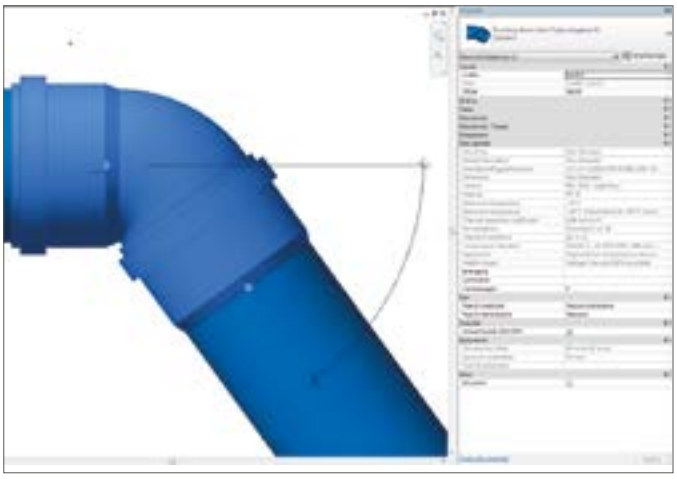
Valsir has an important training facility - **Valsir Academy** - dedicated to clients, distributors, plumbers and planners that provides perfectly equipped courses, both theoretical and practical on the use and the design of plumbing and heating systems. Courses are provided both inside the training facility and on customers' premises.

VALSIR IS BIM-READY

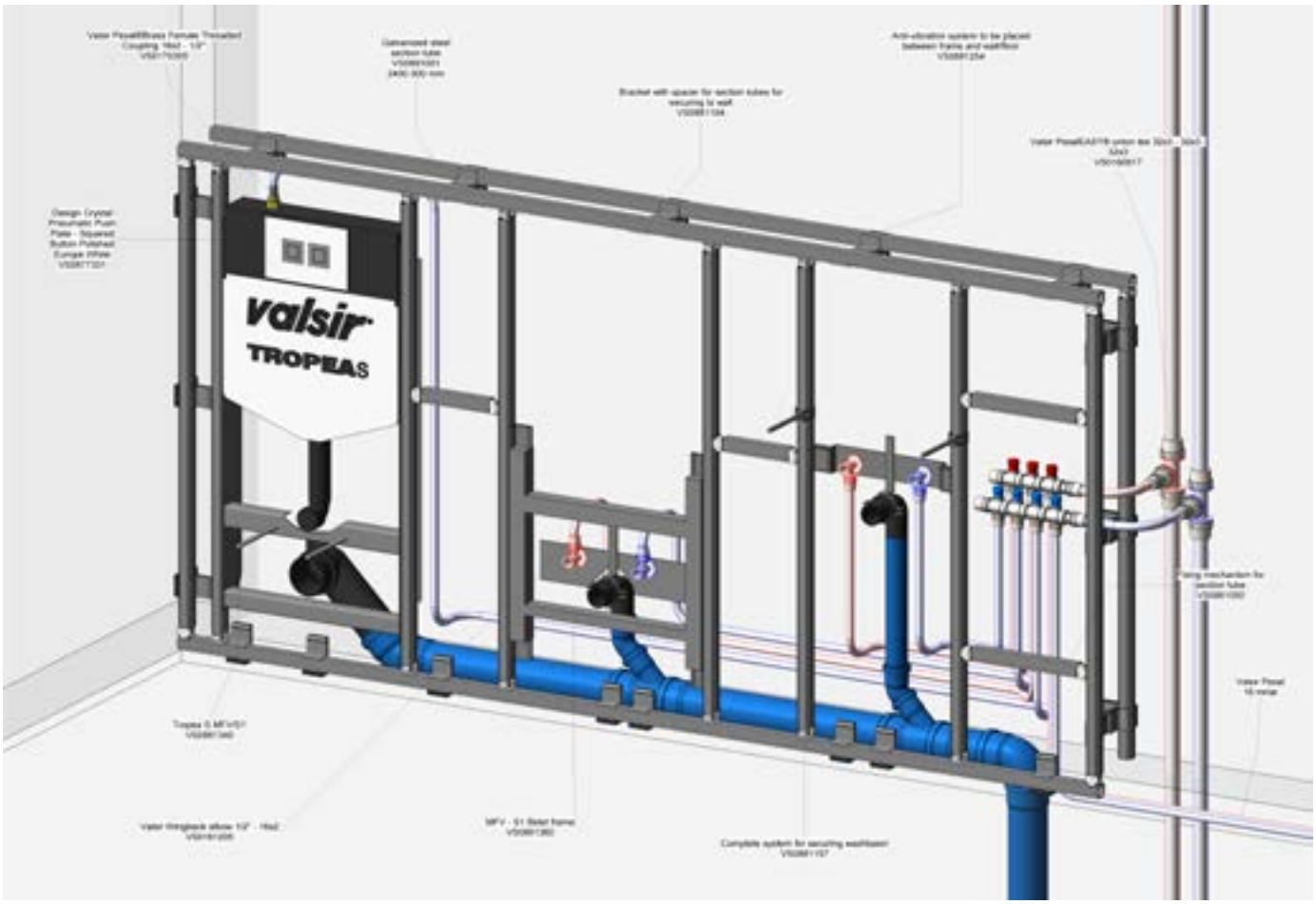
Valsir has adopted the BIM philosophy, the modelling process that allows to improve planning, design, construction and management of buildings, aligning with the industry transition to digital building modelling.

A “BIM-oriented” design offers outstanding competitive advantages: more efficiency and productivity, less errors, less downtime, less costs, greater interoperability, maximum information sharing, more timely and consistent project control.

Valsir captures the essence of this system with a set of Revit models and applications designed for quick and easy use.



www.valsir.it/u/revit



QUALITY AND ENVIRONMENT

Quality



The constant commitment of Valsir in the production of quality products is attested by over **300 product approvals** obtained throughout the world by the most stringent certification bodies (data updated to 01/06/2024), by a Management System of the Quality (QMS) certified in compliance with the **UNI EN ISO 9001:2015** standard and the Energy Management System (SGE) certified according to the international standard **UNI EN ISO 50001:2018**.
Valsir S.p.A. has further demonstrated its commitment to the environment by obtaining certification **ISO 14001:2015** on the Vestone production site.
Since 2019 an innovative and modern plant has also been built that, integrated with the already installed photovoltaic park, will be able to produce over 30% of the electricity needed for all Valsir plants. This is a Trigenerator powered by methane gas capable of producing electricity, steam and cooling energy.

Sustainability

Efficient processes and reliable products are no longer the only parameters used to perform an assessment of the quality of a company's conduct: the capacity of the company and its management to design and implement production process that are sustainable from an environmental point of view is of equal importance.

Valsir has started a project of Corporate Social Responsibility and has published its Sustainability Report that gathers facts and figures relating to the daily commitment of Valsir in terms of social, economic and environmental responsibility.



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