



# XPS Shower Tray – Centre Waste

1200x1200x30-10 mm

The XPS (extruded polystyrene) shower tray is specially designed for shower areas. With a min 2% drain angle, tiles can be fit according to the slope easily. Furthermore, it's easy to be cut into any size or shape to suit the shower area. Since it is ready for tiling, the shower floor can be easily matched the surrounding decoration. These shower trays are available in a number of sizes. Also, these could be customized for the drain position and matched with the drains as required.

## PRODUCT DESCRIPTION

CALDO shower trays are made of XPS (extruded polystyrene) foam board (CFC & HCFC free, yellow closed-cell core) in core and coated with fibreglass mesh and polymer cement mortar on both sides. It makes the shower tray an ideal base for setting tiles using the thinned process. The XPS (extruded polystyrene) foam board in the core is 100% waterproof and offers exceptional resistance to water vapour.

These type of CALDO shower trays are pre-contoured to a centre waste which provides a quick and cost effective alternative to the traditional screed methods of tiled shower base. All CALDO shower bases have a fall 10 to 30 mm.

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## FLEXIBLE

The CALDO product is very easy to customize to your space. Using a Stanley knife or saw, CALDO shower trays can be trimmed to line up to the exact position of your existing waste location using the variety of different standard sheet sizes.

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## TIME SAVER

In comparison to a screed method which takes minimum 48 hours alone just to set, installing a CALDO shower tray can be very quick. Installation can be done in 10-15 minutes. After allowing only 1 hour of adhesive curing time you will be ready to waterproof.

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## LIGHTWEIGHT

With a high density foam core, CALDO pieces are very lightweight and easy to install. It's double meshed on the top making it more flexible, solid and less prone to damage.

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## **FEATURES:**

- Lightweight
  - Hygienic
  - Acoustically better than screed
  - Meet the criteria for any waterproofing and adhesive
  - Factory pre-made with appropriate falls
  - Easily adjustable to fit any required dimensions
  - Perfect for existing timber, concrete floors and compressive cement sheets
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## **CHARACTERISTICS**

- Min 2% drain angle (fall)
  - Can be cut to any size
  - Waterproof, excellent for shower area
  - Excellent for heat insulation
  - Excellent for sound insulation (12mm XPS board, 20 db)
  - Easy to cut with knife and saw
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## **APPLICATION**

- In private residential construction
  - In public buildings and workplaces
  - In accessible dwellings
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## **INSTALLATION**

For fixing CALDO shower trays to the cement substrate use cement based flexible tile adhesive on both, the floor and the back of the shower tray.

For fixing CALDO shower trays to plywood or any wooden substrate use CALDO 6 mm backer boards using CALDO hybrid adhesive (apply a generous 8 mm bead of adhesive in lines at 80 mm intervals) and mechanically fix these with CALDO screws and washers. Once this is completed apply flexible cement adhesive on both, the floor and the back of the shower tray. Another option is to only apply a generous 8 mm bead of CALDO hybrid adhesive in lines at 80 mm intervals and then apply the shower tray directly on it.

Use a BRANZ Appraised waterproofing membrane appraised for use in wet areas.

Use a flexible waterproof tile adhesive for bonding the stone or ceramic tiles to the CALDO shower trays.

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## **TECHNICAL VALUE OF THE XPS SHOWER TRAY**

		XPS
Density of core XPS board	kg/m <sup>3</sup>	35
Thermal conductivity, 90 days, 10°C	W/mK	≤0.03
Compressive strength at 10% deflection or yield, (vertical)	kPa	≥450
Tensile strength	kPa	≥450
Water absorption	Vol-%	≤1.00%
Capillarity	nil	nil
Temperature limits	°C	-50°C, +80°C
Coefficient of linear thermal expansion	mm/mK	0.07
Fire protection class		B1
Quality management system	ISO9001	03615Q20891R1S

## PACKING

Separate cartoon boxes for each shower tray.



*\*The picture above is just an example, not the dimension listed*

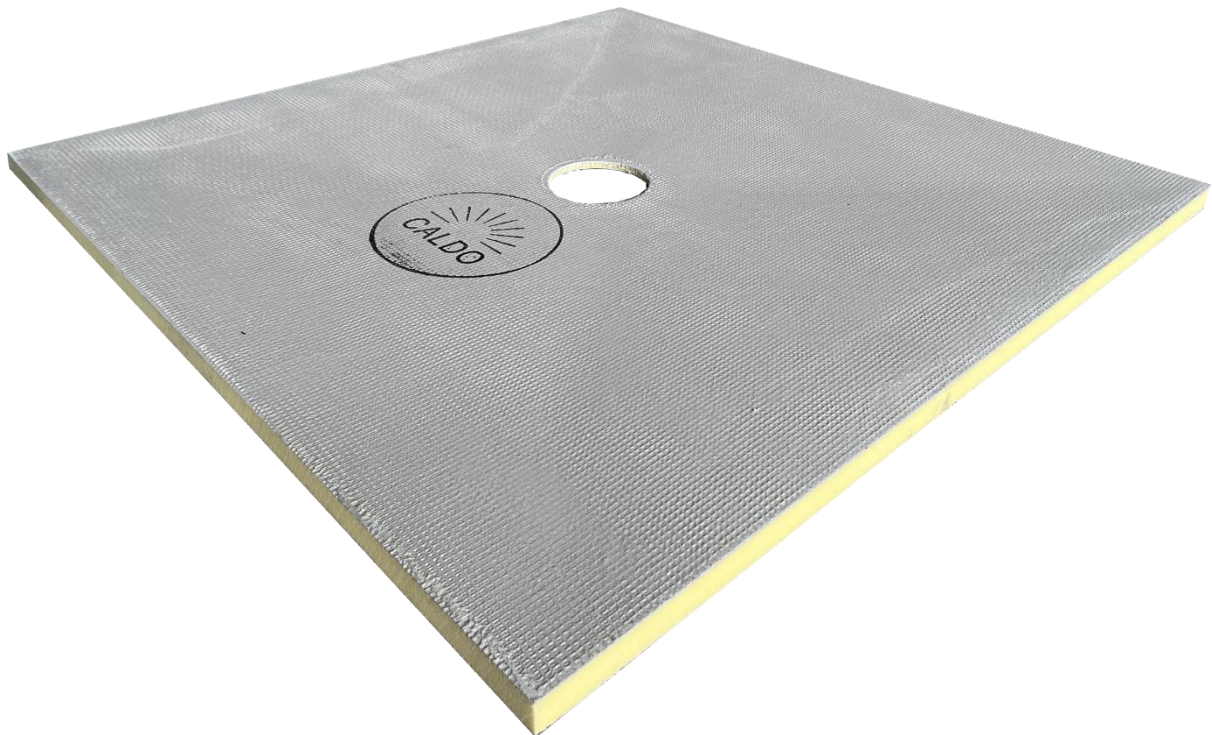
## STORAGE

CALDO shower trays must be stored indoor, up/off concrete floors, in dry conditions, out of direct sunlight and extreme temperatures.

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## PRODUCT DIMENSIONS

1200mm x 1200mm x 30-10mm



**CALDO Limited**

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