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Wallflow™ POUR Block

Technical data sheet

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Wallflow Pourblock is a preparation plate for installing Wallflow Vent Plaster in semi-precast concrete floor slabs. Installed before the structural concrete topping is poured, the plate centres the valve plenum, seals the larger core hole and sets the plenum at the correct height. Preparation is completed during structural construction, ready for the subsequent installation and seamless finishing of Wallflow Vent Plaster.



Item	Specification
Product name	Wallflow™ POUR Block
Application	Preparation plate for Wallflow Vent Plaster in semi-precast concrete floor slabs. Installed before the structural concrete topping is poured.
Function	Centres the Ø125 mm valve plenum in the hole, seals the Ø230 mm hole and raises the plenum by 20 mm for the subsequent installation of Wallflow Vent Plaster.
Material	Extruded polystyrene (Styrisol 300), 33 kg/m³, compressive strength 200 kPa
Overall dimensions	345 × 345 mm
Plate thickness	20 mm
Local thickening	10 mm thick over Ø230 mm; adaptable to a Ø220 mm hole.
Central opening	Ø130 mm, through-hole
Hole in semi-precast floor slab	Ø230 mm
Valve plenum	Suitable for a Ø125 mm valve plenum
Installation	The POUR Block is placed on top of the semi-precast floor slab. Only the locally thickened section fits into the Ø230 mm hole. The plate itself is not recessed.
Operating principle	The Ø125 mm valve plenum is inserted through the central opening and rests on the POUR Block. This automatically centres the plenum and seals the larger hole before the structural concrete topping is poured.
Positioning	The plenum is raised by 20 mm, leaving sufficient clearance for the subsequent installation of Wallflow Vent Plaster.
Benefits	Centred plenum, sealed hole during concreting and correct height preparation for Wallflow Vent Plaster.
Installation requirements	Before pouring the structural concrete topping, drill a Ø230 mm hole through the semi-precast floor slab. Ensure the Ø125 mm plenum is correctly inserted through the central opening in the POUR Block.



Important

The valve plenum must be recessed 33 to 42 mm from the finished plaster surface. Before finishing, check that sufficient clearance is available to install the 70 mm-high ventilation valve. The valve must not touch the duct bend, so that airflow remains unobstructed.

One hole. Ready for Wallflow.

The usual hole of approx. Ø132 mm is replaced by a single Ø230 mm hole. No additional drilling is then required to integrate Wallflow. Preparation takes place during structural construction using the Wallflow POUR Block. The Wallflow Vent Plaster element is installed during the finishing stage. This ensures that the structural preparation and finishing are technically coordinated.

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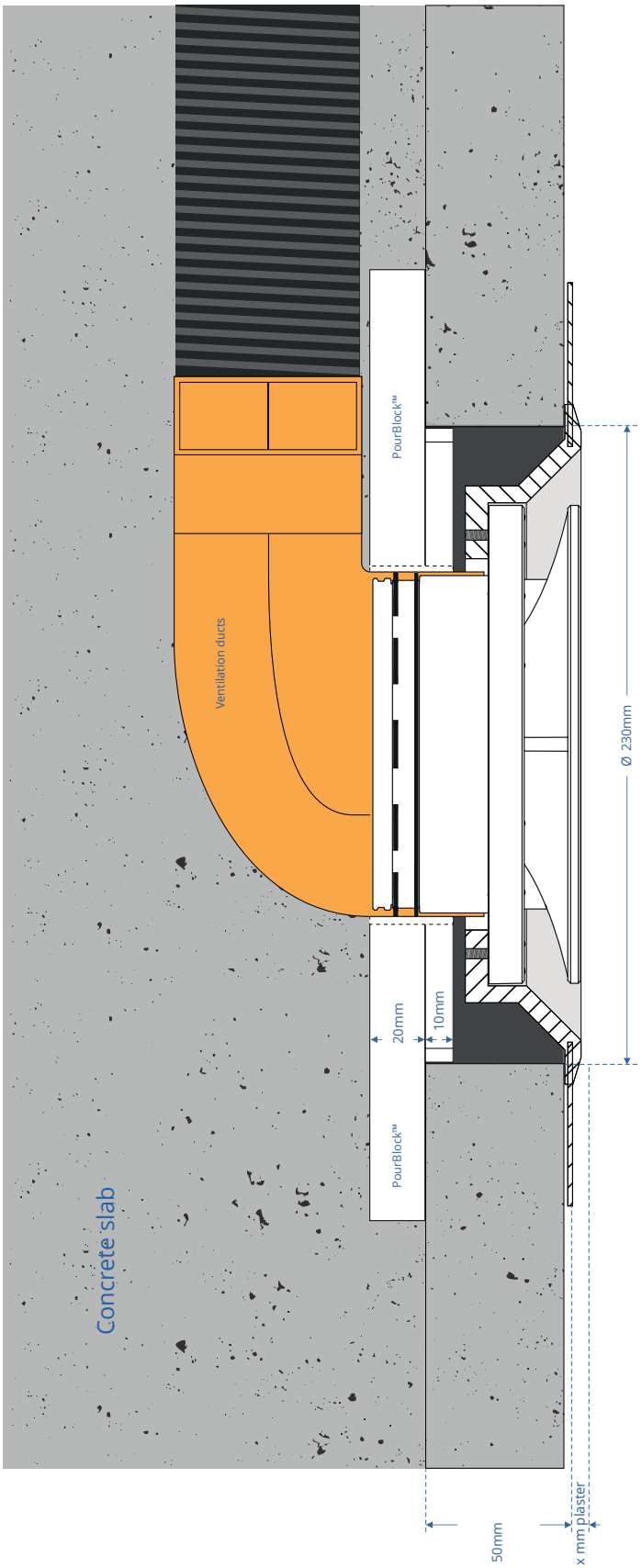
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Wallflow™ PourBlock™

Installation on precast concrete floor slabs



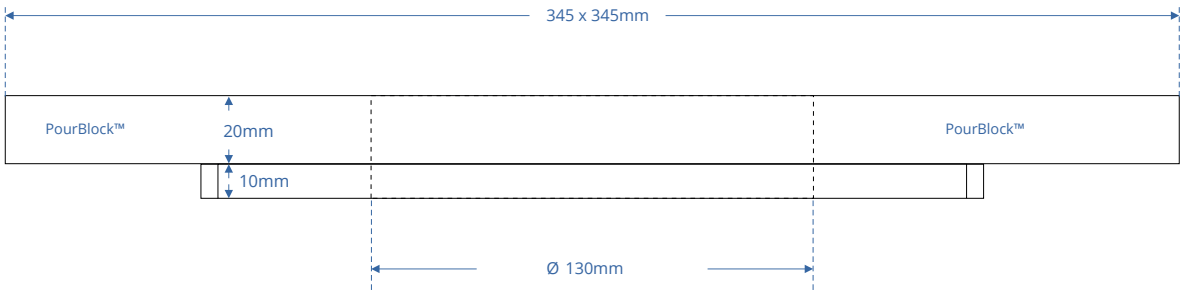
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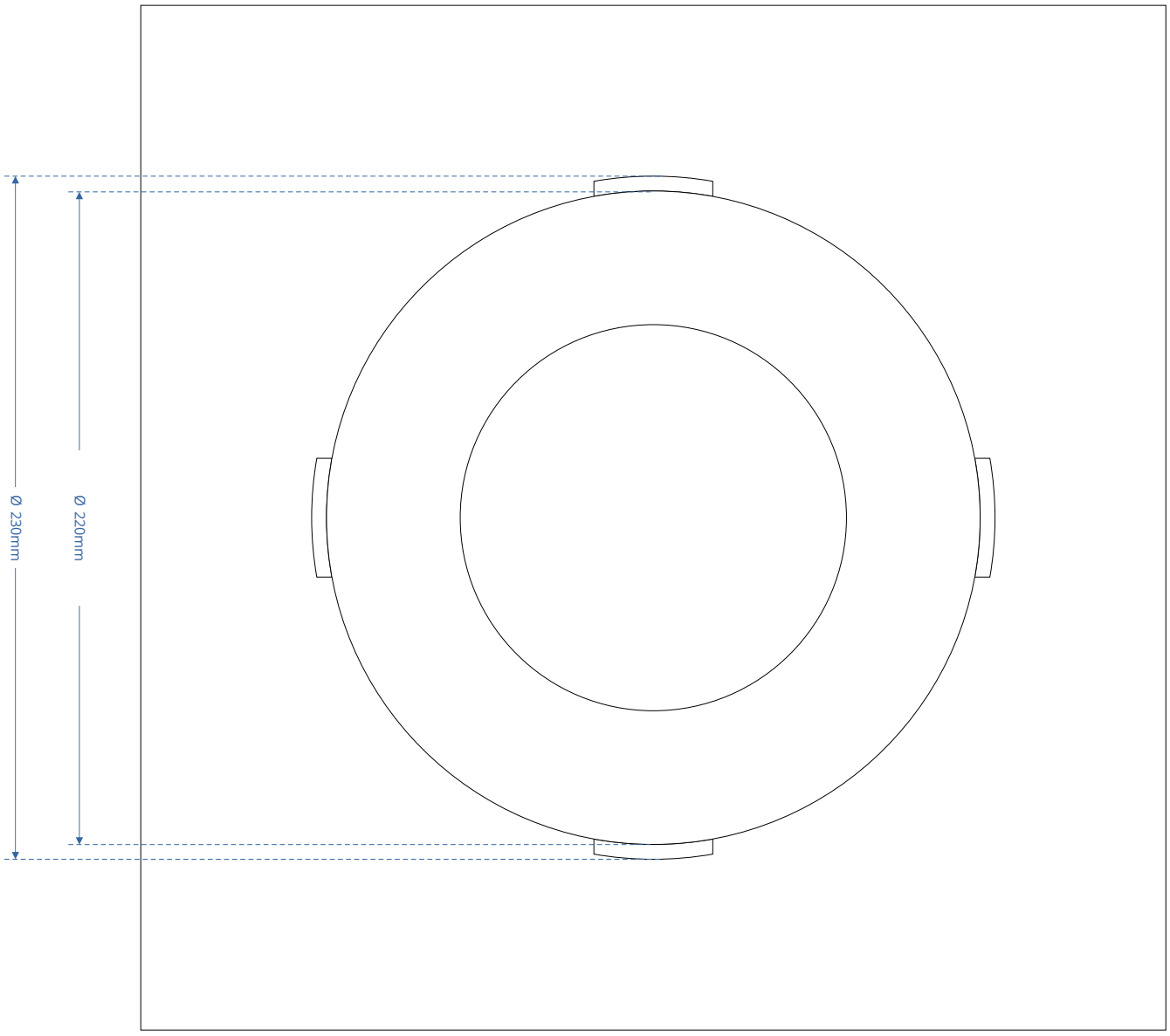
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Installation on precast concrete floor slabs





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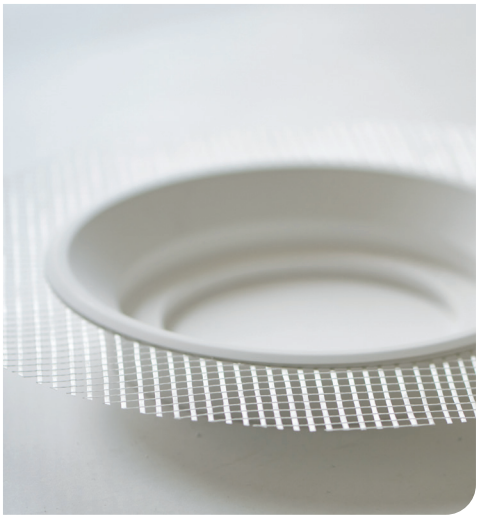
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