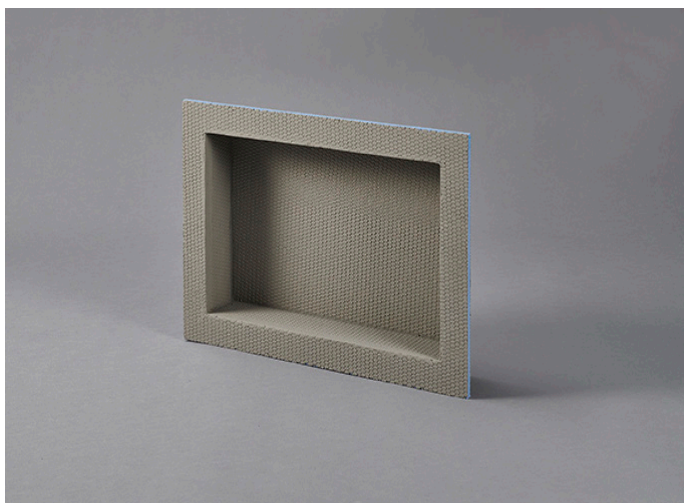


PROBOX wall niches

Wall niches with or without sealing sleeve



Use and applications

PROBOX Basic wall niches are pre-prepared wall elements as a shelf or storage for flush installation in shower and bath areas. The wall niches are suitable for installation in solid walls as well as stud partitions. In connection with an optionally already pre-prepared sealing sleeve, which overlaps by approx. 5 cm, a safe seal of the all-round joints is ensured. Fast and accurate installation without complex constructions is thus possible. With PROBOX Basic wall niches, shelves can be cost-effectively realised in shower and bath areas in different sizes.

Product composition

PROBOX Basic wall niches consist of building slabs with a waterproof core. The building slabs do not absorb rising moisture, and are resistant against permanent strain from moisture and damp conditions, are lightweight and easy to use. Ideal conditions for extremely diverse applications, e.g., in rooms where moisture loads are to be expected. Mosaic coverings, tiles or natural stone slabs can be glued to the surfaces, or plaster and screeding compounds can be applied. The building slabs used are

ideal for quick and creative extensions without drying times. In the core, the building slabs consist of a closed-cell polystyrene rigid foam (XPS) produced without CFC and HCFC with thermal insulation characteristics. The surfaces of the building slabs are reinforced with a tempered special mortar, and coated with an alkali-resistant glass fibre mesh. A specially developed production process ensures optimum embedding of the glass fibre mesh into the special mortar. This further improved the mechanical properties of the building slabs, which is reflected amongst others in excellent pressure resistance, improved bond strength of the tile adhesive on the building slab, and an increased shear strength.

Installation

PROBOXBasic wall niches can be installed easily, and can be inserted into solid walls or stud partitions. Detailed instructions for the installation of PROBOXBasic, also in combination with the associated sealing sleeves from PROFOLIO 2.0, can be found in the respective installation instructions.

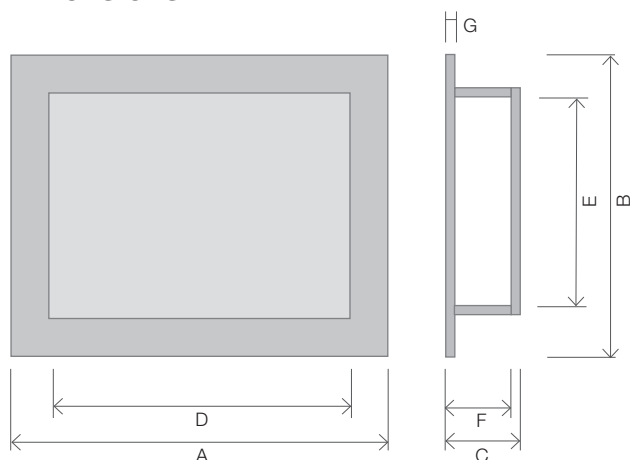
Technical data

Material	Polystyrene rigid foam (XPS)
Pressure resistance EN826	0.40 N/mm ²
Water vapour diffusivity EN12086	sd >3000 m
Tensile strength EN12087	0.30 N/mm ²
Fire behaviour EN13501	Class E
Application temperature	-50 °C - +75 °C

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Dimensions



Main body PROBOXBasic (G= 10 mm)

Article	Size	External dimensions (AxBxC)	Internal dimensions (DxExF)
95696	15/30	260 x 410 x 110 mm	155 x 305 x 87,5 mm
95697	30/30	410 x 410 x 110 mm	305 x 305 x 87,5 mm
95698	45/30	560 x 410 x 110 mm	455 x 305 x 87,5 mm
95699	60/30	700 x 410 x 110 mm	605 x 305 x 87,5 mm

Sealing sleeve

Article	Size	External dimensions (AxB)	Internal dimensions (DxE)
95860	15/30	360 x 510 mm	161 x 311 mm
95861	30/30	510 x 510 mm	311 x 311 mm
95862	45/30	660 x 510 mm	461 x 311 mm
95863	60/30	800 x 510 mm	611 x 311 mm

The sealing sleeves are made from PROFOLIO 2.0, please also refer to the respective data sheet.

All details, references, notes, applicable specialist regulations, guidelines, standards and specialist knowledge are directed towards the German, and insofar as they are congruent, to the existing European regulations and training standards, irrespective of additional country-specific extensions or modifications.

All our information is based on our experience and carefully performed tests. The variety of additional materials that might be used and differing construction and working conditions cannot be individually checked or influenced by us. The fulfilment of an outstanding service contract and the manufacturing of a demonstrable functional capability of the trades is therefore dependent on adhesion to the current VOB (German Construction Contract Procedures) regulations and recognised technological rules.

Our details do not preclude responsible planners and processors from their duty to independently assess the conditions of a building and suitable application of the products. In case of doubt, please seek technical application advice or carry out your own tests. The manufacturer's guidelines for laying and processing the surfacing material or the guidelines for other products used must be observed.

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