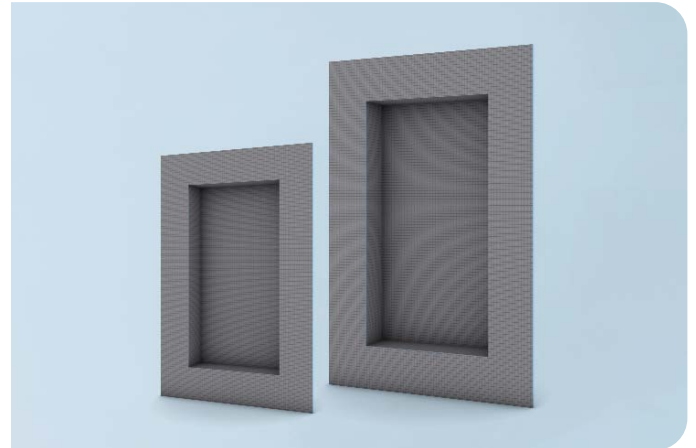


Technical data sheet

wedi Niches

- Prefabricated wall niches as a storage area for bath and shower utensils



General product description

The wedi niche is a factory-made, prefabricated wall element for individual tiling. It is watertight, so time consuming construction is no longer required.

Applications

For private and commercial use indoors with direct contact with process and cleaning water.

Product properties

- Watertight
- Stable
- Lightweight

Surface requirements, laying

The base must be sufficiently load bearing and even.

Processing

You can find information on processing in the assembly instructions (see www.wedi.eu).

The wedi niche can be combined with the wedi sealing systems building board, Subliner Dry, Subliner Dry & Flex and wedi 520.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant A+ (très faibles émissions) à C (fortes émissions).

Information about finishing and application options for wedi products, technical recommendations or advice and other information provided by our employees (technical usage advice) is accurate to the best of our knowledge, but is non-binding and is given with the exclusion of any liability. It does not exempt our customers and their buyers from carrying out their own checks and trials on the suitability of the products for the intended processes and purposes.

Technical properties niches

Niche, rectangular, format 200 × 400 mm	234 × 434 × 100 mm W × L × D (Inner dimensions) 454 × 654 × 110 mm W × L × D (Outer dimensions) 2.200 Kg
Niche, rectangular, format 300 × 600 mm	334 × 634 × 100 mm W × L × D (Inner dimensions) 554 × 854 × 110 mm W × L × D (Outer dimensions) 3.110 Kg

Technical properties of raw foam building board systems

CO₂-foamed, extruded polystyrene rigid foam with closed cell structure and flame-retardant additive. The polystyrene rigid foam is HCFC and CFC-free.

Long-term compressive strength (50 years) ≤ 2% compression EN 1606	0.08 N/mm ²
Compressive resistance or compressive strength at 10% compression EN 826	0.25 N/mm ²
Associated module of elasticity EN 826	10–18 N/mm ²
Thermal conductivity EN 13164	0.036 W/mK
Tensile strength EN 1607	0.45 N/mm ²
Shearing resistance EN 12090	0.2 N/mm ²
Shear modulus EN 12090	7 N/mm ²
Bulk density EN 1602	32 kg/m ³
Resistance to water vapour diffusion (μ) EN 12086	100
Water absorption under long-term immersion EN 12087	≤ 1.5 % by vol.
Capillary action	0
Linear coefficient of thermal expansion	0.07 mm/mK
Temperature limits	-50°C / +75°C
Fire behaviour EN 13501	E
Carbon dioxide propellant GWP value	1

Packing

1 niche

Storage

The product(s) should be protected from direct sunlight and moisture.