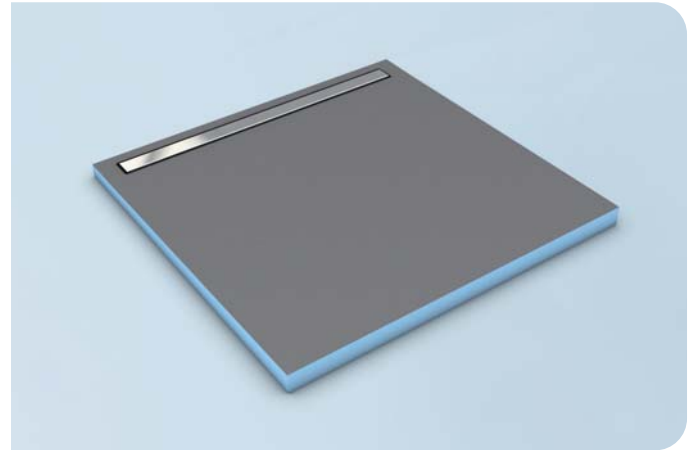


Technical datasheet

wedi Fundo *Riolito^{neo}*

- Flush-to-floor shower element with close-to-wall channel drainage
- Ideal tile backer
- Watertight
- For private housing and public buildings



General product description

Flush-to-floor shower element with close-to-wall channel drainage for direct tiling. Can be optionally fitted with a horizontal or vertical floor drain for new builds and renovation projects.

Areas of application

- In private housing
- In publicly accessible buildings in accordance with DIN 18040 Section 1
- In barrier-free apartments in accordance with DIN 18040 Section 2 (taking the minimum tile size requirements for planned wheelchair load into consideration, see technical properties)
- As structural waterproofing in combination with wear class A0 and A tile and slab coverings (floor surfaces exposed to moderate stress from non-pressure water indoors; floor surfaces exposed to direct stress in rooms in which service and cleaning water is used often or for prolonged periods), more information can be found at www.wedi.eu

Product features

The wedi Fundo Riolito^{neo} system can be installed as an individual, tileable, flush-to-floor shower system on almost any subsurface. The floor element (extruded polystyrene hard foam with a special coating and a slope) comes with a tailor-made drain and offers a selection of channel covers to choose from.

Requirements for the subsurface, finishing

Information on finishing, subsurface requirements and installation instructions can be found in the wedi "Building systems" brochure (see www.wedi.eu).

Floor element technical properties

Material	XPS
Long-term compressive stress (50 years) $\leq 2\%$ compression EN 1606	0,08 N/mm ²
Compressive strength at 10 % compression EN 826	0,25 N/mm ²
Thermal conductivity EN 13164	0,036 W/mK
Gross density EN 1602	32 kg/m ³
Temperature limits	-50°C / +75°C
Reaction to fire EN 13501-1	E
Watertightness tested at	1,5 bar

Drain technical properties

Tightly fitted drainage channel with drain base and odour trap. Channel cover adjustable to the tile thickness.

Fundo Riolito ^{neo} are available with channels of the following lengths:	300 mm
	700 mm
	800 mm
	900 mm
	1100 mm
Drainage capacities depending on the choice of drain:	
Fundo Riolito ^{neo} Mini Max, horizontal, DN 40	0,5 l/s ; 30 l/min
Fundo Riolito ^{neo} drain, horizontal, DN 50	0,8 l/s ; 48 l/min
Fundo Riolito ^{neo} drain, vertical, DN 50	1,1 l/s ; 66 l/min

The channel covers are available in three variants: standard, exclusive and tileable.

Channel covers technical properties

wedi Fundo Riolito ^{neo} standard channel cover	5 to 23 mm
wedi Fundo Riolito ^{neo} exclusive channel cover	5 to 25 mm
wedi Fundo Riolito ^{neo} tileable channel cover	5 to 25 mm

Fundo Riolito^{neo} technical properties

Wheelchair load-bearing from minimum tile size	50 x 50 mm
Glass mosaic from minimum size	20 x 20 mm
Minimum installation height depending on the drain:	
Fundo Riolito ^{neo} drain, horizontal drain, DN 50	130 mm
Fundo Riolito ^{neo} Mini Max, horizontal drain, DN 40	97 mm
Fundo Riolito ^{neo} drain, vertical drain, DN 50	50 mm

For sound insulated floor structures, installation of sound insulation under wedi Fundo and edge insulation strips should be planned. Installation using the wedi sound insulation Nonstep Plan decoupling sheet. Alternatively, approved polyethylene sheets can be used.

wedi Fundo Riolito^{neo} floor elements can be shortened on site, taking the shape of the elements into account.

Scope of delivery

Floor panel, drain in separate box and channel cover

Storage

The wedi Fundo Riolito^{neo} system should always be stored flat. It should be protected against direct sunlight and humidity.

Safety information

none

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.