

## Fundo Riolito<sup>®</sup> neo/Riolito<sup>®</sup> /Riofino<sup>®</sup>

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



### General product description

Flush-to-floor shower element with drainage channel for direct tiling. Optionally with horizontal or vertical floor drain for new build 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](http://www.wedi.eu)

### Product features

The Fundo Riolito neo /Riolito/Riofino system can be installed on almost any surface as an individual tileable flush-to-floor shower system. The floor element (extruded polystyrene rigid foam with a special coating and gradient) features a drainage channel and is available with various channel covers.

### 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](http://www.wedi.eu)).

 <small>0799 (System 2+)</small>
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<small>ETA-130385  ETAG 022 Teil 3</small>
<small>Bausatz mit wasserdichten Platten und weiteren Komponenten zur Herstellung einer Abdichtung unter einer Nutzschiebe für die Verwendung in innen liegenden Nassbereichen  Klassifizierung des Systems und deklarierte Produkt- und Systemeigenschaften siehe Anhang 1 der ETA-130385</small>

## Floor element technical properties

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

## Drain technical properties

Fundo Riolito/Riolito neo and Riofino are available with sealed, built-in channels in the following lengths:	300 mm
	700 mm
	800 mm
	900 mm
	1100 mm
Drainage capacities depending on the choice of drain:	
Fundo channel drain Mini Max, horizontal, DN 40	0,5 l/s ; 30 l/min
Fundo channel drain, horizontal DN 50	0,8 l/s ; 48 l/min
Fundo channel 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 channel cover standard	5 to 23 mm
wedi Fundo channel cover exclusive	5 to 25 mm
wedi Fundo channel cover tileable	5 to 25 mm

## Fundo Riolito neo/Riolito/Riofino technical properties

Wheelchair load-bearing from minimum tile size	50 x 50 mm
Glass mosaic from minimum size	20 x 20 mm
<b>Minimum installation height depending on the drain:</b>	
Fundo channel drain, horizontal drain, DN 50	130 mm
Fundo channel drain Mini Max, horizontal drain, DN 40	99 mm
Fundo channel drain, vertical drain, DN 50	50 mm
Fundo channel drain, vertical drain, DN 50 with fire protection collar	50 mm

For a floor structure with sound insulation, the integration of the wedi Nonstep Pro or Nonstep Plan sound insulation mat and wedi edge insulation strips should be planned. More information about this can be found at [www.wedi.eu](http://www.wedi.eu)

Fundo Riolito neo/Riolito/Riofino floor elements can be shortened on site, however the geometry of the elements must be taken into account.

## Installation specification for drain with fire protection collar

Minimum cover thickness (concrete, reinforced concrete, porous concrete) 15 cm, minimum suspended timber floor thickness (in accordance with DIN 4102-4, section 5.3.3. of fire resistance class F30-B) 15 cm, core hole 160 mm. When connecting drain pipes within the fire protection collar, polypropylene "SML/HT pipe connectors" by Dallmer GmbH & Co. must be used (general technical approval at [www.wedi.eu](http://www.wedi.eu)).

## Scope of delivery

Floor element, drain in separate box and channel cover in separate box

## Storage

The Fundo Riolito neo/Riolito/Riofino system should always be stored flat. It should be protected against direct sunlight and humidity.

## Safety notice

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.