

Fundo RioLigno

- Lower installation height
- Ideal for installation in/on suspended timber floors



General product description

Flush-to-floor shower element for direct tiling with horizontal or vertical floor drain for new build and renovation projects. For installation on or in suspended timber floors.

Areas of application

- In private residential construction
- In public buildings and workshops in accordance with DIN 18040 Part 1
- In accessible dwellings in accordance with DIN 18040 Part 2 (note specifications for minimum tile size if wheelchair access is planned, see technical specifications)
- As structural sealing in combination with tile or slab coverings for load class W2-I in accordance with DIN 18534 Part 6, more info available at www.wedi.eu

Product properties

The wedi Fundo system can be installed on almost any surface as an individual tileable flush-to-floor shower system. The system includes: a sealed foam core with special coating, a defined surface gradient, and a matching drain. Thanks to the special design, Fundo RioLigno is particularly suitable for wooden beam ceilings or timber floors. It is just 25 mm high on the outer edges and can thus be integrated flush into the wooden surface layer.

Surface requirements, processing

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



* 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 on the emission level of volatile substances in indoor air which present a risk of inhalation toxicity, on a scale of A+ (very low emissions) to C (high emissions).



Technical properties of raw foam

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|--|------------------------|
| Extruded polystyrene hard foam core | XPS |
| Long-term compressive stress (50 years) \leq 2% compression EN 1606 standard | 0,08 N/mm ² |
| Pressure resistance at 10 % compression EN 826 standard | 0,25 N/mm ² |
| Thermal conductivity EN 13164 | 0,036 W/mK |
| Basic density according to EN 1602 | 32 kg/m ³ |
| Temperature limits | -50°C / +75°C |
| Fire behaviour EN 13501, building material class | E |
| Tested waterproofness | 1,5 bar |

Technical properties of drain

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| Fundo RioLigno is available with sealed channels in the following lengths: | 700 mm |
| | 800 mm |
| | 900 mm |
| Drain performance depending on the drain selected: | |
| 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 |

Technical properties Fundo RioLigno

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|--|------------|
| Wheelchair load-bearing from minimum tile size | 50 x 50 mm |
| Glass mosaic from minimum size | 20 x 20 mm |
| Standard height of a Fundo RioLigno element | |
| Outer edge height | 25 mm |
| Height of the reinforced channel area | 54 mm |
| Minimum installation height depending on the drain: | |
| Fundo channel drain, horizontal drain, DN 50 | 134 mm |
| Fundo channel drain Mini Max, horizontal drain, DN 40 | 103 mm |
| Fundo channel drain, vertical drain, DN 50 | 54 mm |
| Fundo channel drain, vertical drain, DN 50 with fire protection collar | 54 mm |

An additional approx. 3 mm thickness of tile adhesive under the Fundo element should always be taken into account for determination of the total installation height.

If a vertical drain is used, this is not further taken into account for determination of the total installation height (= 0 mm).

wedi Fundo shower elements can be shortened on site, but the geometry of the elements should be maintained.

wedi Fundo elements can only be combined with wedi Fundo drains.

Installation specification for drain with fire protection collar

Minimum cover thickness (concrete, reinforced concrete, porous concrete) 15 cm, minimum wooden beam ceiling thickness (in accordance with DIN 4102-4, section 5.3.3. of fire resistance class F30-B) 15 cm, core hole 160 mm (general technical approval at www.wedi.eu).

Scope of delivery

Floor element, channel drain and channel cover in separate box

Storage

The wedi Fundo system should always be stored flat. It must be protected against direct sunlight and moisture.

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.