What if the shower floor did more than just drain water ...

Fundo Thermo®
Up to 50 % energy recovery*
thanks to the integrated heat exchanger

*Calculation basis: see reverse side.



...wedi®
an **ARDEX**GROUP Company

Heat recovery with every shower: Fundo Thermo®

Up to 50 % energy recovery* thanks to the integrated heat exchanger

In modern buildings, every kilowatt-hour saved matters. But improving resource efficiency should not mean added complexity. That is where Fundo Thermo comes in: a shower floor system that recovers heat from wastewater directly beside the drain - safely, efficiently and without changing the shower experience. With Fundo Thermo wedi offers a fully coordinated solution in which heat recovery, waterproofing and shower floor element work seamlessly together. The result is a simple-to-install, 100% waterproof system that helps reduce energy use*, meets expectations for everyday comfort, and supports certification schemes such as the BREEAM or Passive House standard - all in one compliant, future-ready system.

Designed for a wide range of projects

Fundo Thermo is a versatile solution that comes into its own particularly in urban projects - especially refurbishments, where intelligent, space-saving and efficient systems are increasingly in demand.



Modular construction



Self-Build



Renovation



Hotel and Hospitality



Senior Living and Care

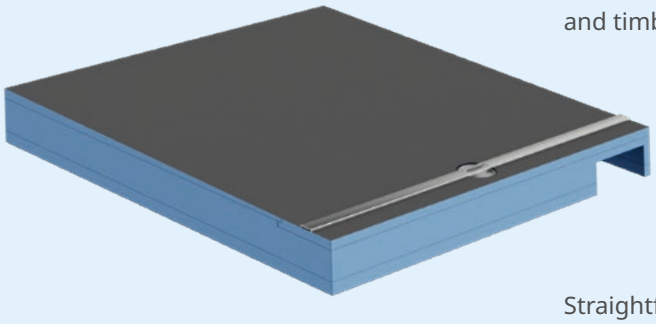
One system, multiple benefits

Save energy, meet standards, and simplify installation: Fundo Thermo brings together a wide range of benefits in one modern, integrated system. It uses the heat from wastewater to preheat the fresh water. As a plug-and-play solution, Fundo Thermo is ideal for both new-build and refurbishment projects.

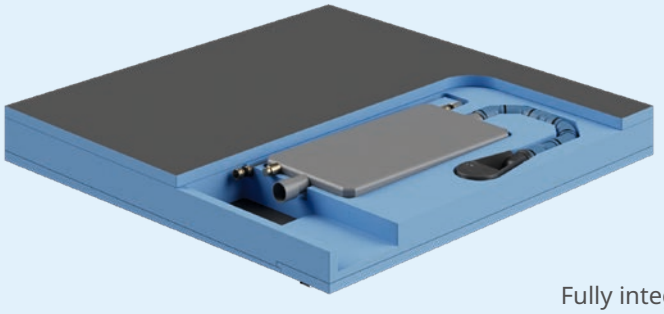
+ **Architects** can achieve demanding energy standards more easily and with confidence.
+ **Merchants** can communicate clear added value without lengthy consultation.
+ **Installers** benefit from straightforward fitting, without complex alignment or electrical work being required.
+ **Building owners** can reduce energy costs, with the level of savings depending on usage and energy prices.

*Calculation basis: see reverse side.

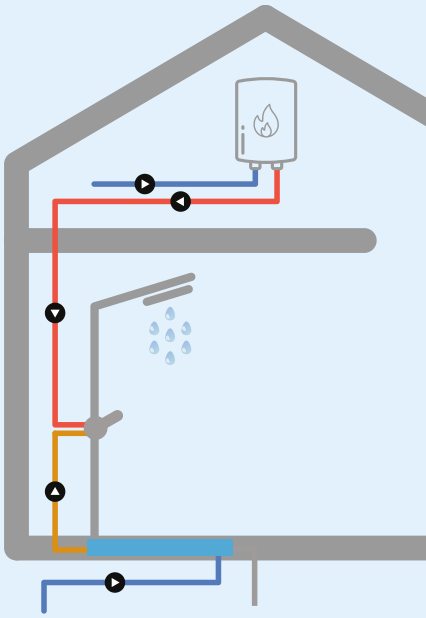
Ready for direct tiling
in/on concrete
and timber floors



Straightforward
plug & play solution



Fully integrated heat
exchanger with flexible
on-site pipe routing



Find out
more

Smart design. Clear benefits.

Up to 50% energy recovery*

thanks to the integrated heat exchanger

Certified

in accordance with KIWA, DVGW and SVGW requirements

Simple installation

Fast, safe and easy thanks to plug & play design

Safe

Fresh and wastewater fully separated - no risk of legionella

Power-free

No electricity, batteries or cables required

Customisable

Can be cut to size on site down to 900 × 900 mm

Low maintenance

Simply use a non-corrosive drain cleaner twice a year

Efficient, compliant and future-ready

Fundo Thermo®. Engineered further. Integrated smarter.

Fundo Thermo®- Technical data	
Material list	XPS foam with fiberglass reinforced mortar coating
Wheelchair load capacity	Yes, from minimum tile size 50 x 50 mm
Construction height (076000000)	116 mm
Construction height (076000001)	142 mm
Surface gradients	1,5 %
Customisability	Yes (see installation instruction)
Outgassing	none

wedi Fundo Wave drain - Technical data	
Water seal hight (076000000)	30 mm
Water seal hight (076000001)	50 mm
Drain capacity	0,5 l/s; 30 l/min*

* Please note: within the complete Fundo Thermo system, the drain and shower channel are fine-tuned to deliver a maximum of 25l/min flow rate for optimum heat recovery performance.

Proven wedi quality you can rely on – with a 10-year warranty on the Fundo Thermo waterproofing system and a 5-year manufacturer's warranty on the integrated heat exchanger.

Heat exchanger - Technical data	
Product	Zypho Slim 50
Heat exchanger material[1]	Copper
Temperature range	0 – 60 °C
max. cold/fresh water pressure	6.0 bar
max. flow rate[2] of warm/waste water	25 l/min
Recommended warm/waste water flow rate	12,5 l/min
Pipe connection	DN40

wedi Fundo shower channel 1.1 - Technical data	
Material list	V2A
For tile thicknesses	6-25 mm

[1] Double-walled heat exchanger as required by EN1717.
[2] The value assumes a water level of 2 cm.
The flow rate may change depending on the installation.

Performance & Efficiency		
Flow Rate	Efficiency	Pressure drop
5,8 l/min	52,8%	0.20 bar
9,2 l/min	51,2%	0.47 bar
12,5 l/min	46,5%	0.81 bar

Toleranzen: Efficiency ± 3 p.p | Pressure drop ± 0.20 bar

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V2 Subject to technical modifications. Images similar.

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