

Thermal conductive layers and levelling insulations for drywall underfloor heating & unheated constructions Gross price list 2017 excl. VAT



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Overview

CompactFloor levelling insulation

CompactFloor levelling insulation
CompactFloor THERM PU
CompactFloor THERM CE

CompactFloor thermal conductive layers

CompactFloor thermal conductive layers
CompactFloor PRO 12
CompactFloor EXPERT 20
CompactFloor DIRECT 1.5
CompactFloor LIQUID

Delivery from the factory Price list without VAT The General Terms and Conditions apply



CompactFloor®



Levelling insulation

Old wood-beamed ceilings, crooked floors and rough concrete surfaces - uneven surfaces can be found both in new construction and renovation. Flat & even surfaces are required for the installation of drywall constructions, which can be created quickly and easily using the bound levelling insulation CompactFloor® THERM.

The CompactFloor® THERM is based on expanded glass granulate made from recycled glass, which can optionally be processed with two different binders. Depending on the binder, the specific advantages arise:

CompactFloor THERM PU - resin-bound

- Fast drying time without adding water assignable after 24 hours
- Thin lightweight layered construction from 10 mm
- Good thermal insulation properties Thermal conductivity 0.070 W/m²K

CompactFloor THERM CE - cement-bound

- Non-flammable fire behaviour A1
- Pure mineral moisture-resistant and safe from mold
- High compressive strength 1.0 N / mm² use in the residential and commercial construction

CompactFloor® quality characteristics

Efficiency in all aspects

The insulating properties of the expanded glass granulate prevent a loss of heat to the ground and thus not only save energy costs, but also support the underfloor heating in its heating performance.

High load capacity for each construction project

Floors must withstand a lot. The bound levelling insulations by CompactFloor are robust, stable and resilient and achieve a compressive strength of more than 0.5 N/mm (equivalent to a pressure 500 – 1000 kPa).

Fast drying & moisture-repellent

Long drying times may unnecessarily delay a construction project.

CompactFloor bound levelling insulations are applied with extremely low humidity and are already walkable after a few hours.

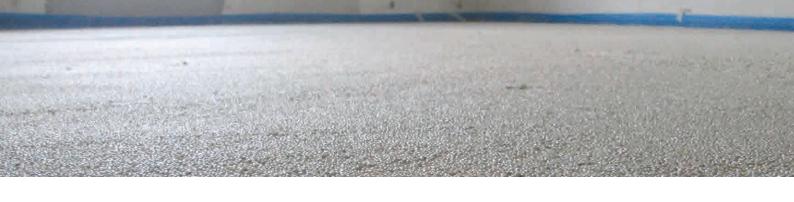
Flexible use in residential, office & commercial constructions







	CompactFloor® THERM PU	CompactFloor® THERM CE
Walkable	3 – 4 hours	12 hours
Readiness for laying	24 hours	3 – 4 days
Thermal conductivity	0.07 W/mK	0.09 W/mK
Compressive strength	0.5 N/mm²	1.0 N/mm²
Min. thickness	10 mm (bond pattern)	30 mm
Max. thickness	100 mm	500 mm
Fire behaviour according to EN 13501-1	Bfl-s1	A1
Weight	225 kg/m³	310 kg/m³



CompactFloor® THERM PU

Levelling insulation from 10 mm – resin-bound



CompactFloor® THERM PU is a polyurethane resin-bound expanded glass granulate used as levelling compound for uneven floors to create an even and assignable surface.

It is quick-drying, cement- and water-free, robust against environmental influences and permanently stable. The integrated thermal insulation supports the energy efficiency of an underfloor heating.

- Installation without adding water assignable after 24 hours
- High compressive strength 0.5 N/mm²
- Good thermal insulation properties 0.07 W/mK









Article	Dimensions (LxWxH)	Item-No.	PU 1	PU 2	Price/pc.
CompactFloor THERM PU (Granulate + binder)	50 Liter	2 02 710	1 pc.	30 containers (pallet)	32.90 €



CompactFloor® THERM CE

Mineral levelling insulation from 30 mm – cement-bound



CompactFloor® THERM CE is a cement-bound expanded glass granulate. The levelling insulation is purely mineral and thus meets the fire protection of class A1 — non-flammable.

It is not only resistant to mold and bacteria, but also rodent-proof. Through the thermal insulation and sound absorption, it is a perfect complement to modern underfloor heating systems.

- Non-flammable fire behaviour A1
- Pure mineral free of fumes, moisture-resistant and safe from mold
- High compressive strength 1.0 N / mm² use in the residential and commercial construction









Article	Dimensions (LxWxH)	Item-No.	PU 1	PU 2	Price/pc.
CompactFloor THERM CE (Granulate + binder)	50 Liter	2 02 711	1 pc.	30 containers (pallet)	27.90 €

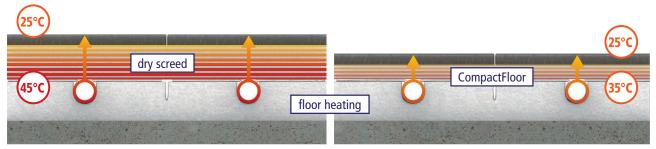


CompactFloor®

Conductive layers

Underfloor heating systems are invisible, healthy, comfortable and energy efficient. Conventional wet or dry screeds require a lot of time to transport the heat to the flooring. CompactFloor conductive layers combine good thermal conductivity and low construction height. Users can control their underfloor heating reliably — no matter if they want more or less heat! With CompactFloor, optimum use of energy and comfort go hand in hand.

- Dry Fast installation, no moisture, no drying time, low mass.
- Thin Direct distribution of heat. Heating only when necessary.
- Flexible For every renovation and new building a suitable solution!



An underfloor heating system with CompactFloor reacts quickly and efficiently – Here CompactFloor (right) in comparison with a classic dry screed (left). In order to achieve a pleasant surface temperature of the flooring of 25° C, the average temperature of the heating water can reduced by up to 10° K.

CompactFloor® quality characteristics

Conductive layers for every area of application



Heating only when necessary

CompactFloor conductive layers have one thing in common: High thermal conductivity and low mass result in a fast warming up and cooling down. The underfloor heating reacts rapidly to its users' needs.

Durability for residential, office and commercial buildings

Floors must withstand a lot of things. CompactFloor conductive layers are robust, stable and resilient. CompactFloor offers a suitable solution for durable and stable floor constructions in residential and commercial construction.

New building and renovation

Wet screeds have to dry for several days before a floor can be installed. Moisture is never good, whether in new buildings or in renovation. CompactFloor conductive layers are drywall solutions.

Quickly walkable & any flooring possible

The client decides on the flooring. When choosing a CompactFloor conductive layer, flexibility in flooring is guaranteed: parquet, laminate, tile, carpet, plastic!

Flexible use for residential, office and commercial buildings







	CompactFloor® PRO 12	CompactFloor® EXPERT 20	CompactFloor® DIRECT 1.5	CompactFloor® LIQUID
Raw material	Fibre cement	Fibre-reinforced concrete	Aluminium-covered PU-mineral mat	Gypsum casting compound
Weight per m ²	15.6 kg	42 kg	1 kg	25 kg
Thermal conductivity	0.27 W/mK	1.20 W/mK	0,25 W/mK	0.63 W/mK
Sizing (LxWxH)	1,210 x 710 x 12 mm	600 x 400 x 20 mm	8,000 x 1,000 x 1.5 mm	_
Processing	dry	dry	dry	casting compound
Floorings	Any flooring (Tiles max. 60 x 60 cm) *	Any flooring (Tiles max. 120 x 120 cm)	Parquet (floating installation)	Any flooring (Tiles max. 60 x 60 cm)
New buildings	•	•	•	•
Old buildings / renovations	•	•	•	•
Readiness for laying	24 hours	24 hours	directly	7 days

^{*} Larger tile-formats \rightarrow see also special applications Kiesel material release



CompactFloor® PRO 12

New generation of dry screed for residential & commercial construction



The CompactFloor® PRO 12 fibre cement board is a conductive layer for underfloor heating in dry construction. The flat panels are laid floating, are suitable for almost any type of flooring and enable a highly responsive underfloor heating system.

Low installation height, low inertia, high heat output and suitability for any flooring – these are the benefits of an underfloor heating with CompactFloor® PRO 12.

- Dry installation simple laying, glued profiled fold connection
- Thin and robust only 12 mm installation height with 3.0 kN load capacity
- Flexibility in flooring any flooring, also tiles up to 60 x 60 cm or 100 x 100 cm with additional glass fabrics













Article	Dimensions (LxWxH)	Item-No.	PU 1	PU 2	Price/pc.
CompactFloor PRO 12	1,210 x 710 x 12 mm	2 02 850	0.8591 m ² (1 pc.)	47.25 m ²	29.90 € / m²
CompactFloor PRO hybrid glue (approx. 5 m² / cartridge)	310 ml cartridge	2 02 821	1 pc.	20 pcs. (carton)	8.50 €
Jig saw blade T 141 HM		2 02 822	1 pc.	10 pcs. (carton)	13.90 €



CompactFloor® **EXPERT 20**

Maximum performance for residential, office & commercial buildings



With its resilience of 5.0 kN/m², CompactFloor® EXPERT is suited equally for residential, office and commercial buildings. The 20 mm thick fiber reinforced concrete elements conduct heat directly to the floor. Due to the dry installation of the elements, construction time is greatly reduced.

The result: High thermal output with maximum resilience – the perfect underfloor heating for the commercial sector and for large-format tiles.

- Easy installation can be walked and laid after 24-hour drying period
- Optimisation of underfloor heating due to high thermal conductivity of 1.20 W/mK
- Flexibility in flooring any flooring, also tiles up to 120 x 120 cm









Article	Dimensions (LxWxH)	Item-No.	PU 1	PU 2	Price/pc.
CompactFloor EXPERT 20	600 x 400 x 20 mm	2 02 830	0.24 m ² (1 pc.)	16.32 m² (palett)	32.90 € / m²
CompactFloor EXPERT epoxi glue (component A and B) (approx. 10 m² / bundle)	6 kg	2 02 831	1 pc.		45.30 €



CompactFloor® **DIRECT 1.5**

Thermally conductive impact noise insulation and vapour barrier for parquet flooring



CompactFloor® DIRECT serves as an impact noise insulation for parquet floorings. Due to the special material design, it transfers the heat optimally from the underfloor heating to the floor covering. The aluminium coating ensures that CompactFloor® DIRECT can also be used as vapour barrier (sd-value > 100 m).

The result: Optimised heating performance and high comfort – the perfect surface heating for low construction heights.

- Simple and dry installation floating parquet can be laid directly
- Aluminium coating provides optimised heat distribution and humidity protection
- Suitable for floating parquet flooring in residential and office buildings











Article	Dimensions (LxWxH)	Item-No.	PU 1	PU 2	Price/pc.
CompactFloor DIRECT 1.5	8,000 x 1,000 x 1.5 mm	2 02 840	1 roll (8 m²)	40 rolls (palett)	5.80 €/ m²
CompactFloor DIRECT aluminium tape	50 m roll	2 02 841	1 pc.	20 pcs. (carton)	9.65 €



CompactFloor® **LIQUID**

Compensatory casting compound for residential and commercial buildings

CompactFloor LIQUID is a two-layer casting compound. An approximately 2 mm thick contact layer levels and fills the voids, the 8 mm thin base layer with integrated fibers ensures a stable and level surface.

The result: High flexibility – walkable after 24 hours and after a drying time of 7 days, all common floorings can be laid.

- Easy processing can compensate for partial unevenness
- Optimisation of underfloor heating due to high thermal conductivity of 0.63 W/mK
- Suitable for all floorings (tile, carpet, parquet, laminate, design flooring)















Article	Dimensions (LxWxH)	Item-No.	PU 1	PU 2	Price/pc.
Ultralite S1	15 kg paper bag	2 02 810	1 pc.		26.80 €
Planitex D10	25 kg paper bag	2 02 811	1 pc.		29.30 €
Latex Plus	10 kg canister	2 02 812	1 pc.		57.50 €
Fasern	1 bag each 250 g	2 02 813	1 pc.		7.20 €

Order form

please fax to: $05406 \mid 8306-90$

Billing adress:	
Contact person (if applicable with telephone / mobile nun	nber):

please mail to: sales@compact-floor.com

CompactFloor® PRO 12

	Item-No.	Article	PU	Quantity
	2 02 850	CompactFloor PRO 12 1,210 x 710 x 12 mm	0.8591 m ² (1 pc.)	
	2 02 821	CompactFloor PRO hybrid glue (approx. 5 m² / cartridge) 310 ml cartridge	1 pc.	
-	2 02 822	Jig saw blade T 141 HM	1 pc.	

CompactFloor® **LIQUID**

Delivery date: ___

		Item-No.	Article	PU	Quantity
O MAN	100 mg	2 02 810	Ultralite S1, 15 kg paper bag	1 pc.	
	EDG.	2 02 811	Planitex D10, 25 kg paper bag	1 pc.	
		2 02 812	Latex Plus, 10 kg canister	1 pc.	
		2 02 813	Fasern, 1 bag each 250 g	1 pc.	

CompactFloor® BASE 12

	Item-No.	Article	PU	Quantity
	2 02 860	CompactFloor BASE 12 1,200 x 600 x 12 mm	0.72 m ² (1 pc.)	
	2 02 861	CompactFloor BASE fix glue (approx. 10 m² / cartridge) 310 ml cartridge	1 pc.	
-	2 02 822	Jig saw blade T 141 HM	1 pc.	

CompactFloor® DIRECT 1.5

Item-No.	Article	PU	Quantity
2 02 840	CompactFloor DIRECT 1.5 8,000 x 1,000 x 1.5 mm	1 roll (8 m²)	
2 02 841	CompactFloor DIRECT aluminium tape, 50 m roll	1 pc.	

CompactFloor® EXPERT 20

	Item-No.	Article	PU	Quantity
4	2 02 830	CompactFloor EXPERT 20 600 x 400 x 20 mm	0.24 m ² (1 pc.)	
W To	2 02 831	CompactFloor EXPERT epoxi glue (component A and B) (approx. 10 m² / bundle)	1 pc.	

CompactFloor® **THERM**

Item-No. Article			PU	Quantity
	2 02 710	CompactFloor THERM PU (Granulate + binder)	1 pc.	
	2 02 711	CompactFloor THERM CE (Granulate + binder)	1 pc.	

General Terms and Conditions of Business

1. Scope

- 1.1 All our deliveries and services occur exclusively based on the following Terms and Conditions. They are an integral part of our delivery and service contracts. Deviations shall only then be valid if these have previously been confirmed by us in writing.
- 1.2 The Terms and Conditions of Delivery of the Purchaser shall be expressly contradicted by our T&Cs.
- 1.3 The Buyer acknowledges our T&Cs with the granting of the order, at the latest with and through the receipt of the goods.
- 1.4 These Terms and Conditions shall also apply for future deliveries based on orders in writing or by telephone, provided it may be assumed that the Buyer knows the T&Cs from previous transactions and they have been expressly pointed out again at the conclusion of the contract.
- 1.5 Verbal assurances and assurances by telephone, agreements, supplementary agreements etc. and special agreements shall only be binding or valid for us if they have subsequently been confirmed by us in writing.

2 Terms and conditions of delivery

- 2.1 The prices of all lists and offers shall be non-binding and subject to change provided that a certain period of validity has not been otherwise agreed in writing. Prices are in € (Euros) ex works without packaging, freight and assembly, but plus VAT. With the handover of the goods to the forwarder or carrier, however, at the latest on leaving the works or storage, the risk shall be transferred to the Buyer.
- 2.2 Any necessary packaging shall be charged at cost price and is not returnable.
- 2.3 Partial deliveries shall be permissible on our behalf
- 2.4 Orders, agreements, assurances and all legally valid declarations on our behalf shall only become binding upon receipt of our written order confirmation. The order confirmation shall be solely decisive for the scope and equipment of the order and shall also apply in case of deviations of the order, provided this is not claimed within one week and this claim is recognised by us.
- 2.5 Our obligation to deliver shall require the creditworthiness of the Buyer. Should reasonable doubt arise regarding this, then we shall be entitled to demand the provision of securities or withdraw from our obligation to deliver without the Buyer having a right for compensation. The purchase price for the already delivered goods shall also become due immediately.
- 2.6 Operational disruptions, a state of war, industrial conflicts or instances of force majeure with us and our raw material works or suppliers shall entitle us to postpone delivery for the affected period or release us to withdraw from accepted orders and conclusions or to charge the price of the day on the day of shipment. Claims for compensation shall not arise from these matters.
- 2.7 All delivery dates and deadlines shall be non-binding provided that they have not been expressly agreed in writing as being binding.
- 2.8 Should a call-off for call-off order goods not occur within six months, then after the setting of a grace period we shall be entitled to claim for compensation.
- 2.9 Deviations from the drawings, images, dimensions and weights and assured properties stated in the lists shall be permissible in consideration of the tolerances usual in the trade, and according to DIN or common practice. They shall be deemed non-binding provided they have not been confirmed in writing.

3 Terms and conditions of payment

- 3.1 The following terms and conditions of payment shall apply for all deliveries of our products:
- 3.2 Payable within 10 days after the invoice date with 3% discount, within 30 days after the invoice date net cash.
- 3.3 If the period for payment is exceeded then the normal bank interest rate shall be charged without notice of default.
- 3.4 The acceptance of bills of exchange and cheques shall only be on account of payment and not in lieu of payment and be deemed valid only upon encashment. The acceptance of bills of exchange shall require special agreement. Discount charges and costs shall be borne by the customer.
- 3.5 The withholding of payments due to counterclaims not acknowledged by us or the offset using such and deductions from invoices without our written consent shall not be acceptable, provided the counterclaims are not undisputed and acknowledged by us in writing or determined as legally binding. Complaints or differences of opinion shall not postpone the obligation of punctual payment.

- 3.6 Non-compliance with these terms and conditions of payment or other circumstances which, at our discretion, permit doubts as to the creditworthiness of the Buyer, shall result in all of our claims being due immediately.
- 3.7 Deliveries to unknown Purchasers or Purchasers with whom we do not have a regular business relationship shall only be executed by means of cash on delivery, advance payment or against a banker's quarantee.
- 3.8 Payments to people acting on our behalf shall generally be excluded. Exceptions shall require our express written approval.

4 Reservation of proprietary rights

- 4.1 The goods and products delivered shall remain our property until complete payment of all goods delivered together with all ancillary claims including the encashment of any cheques or bills of exchange taken in payment by us. The inclusion of our claims in a current account and the acknowledgement of the balance shall not constitute the settlement of such. The entry of the equivalent value with us shall be valid as payment.
- 4.2 The Recipient shall be entitled to the further sale of the proprietary goods in the normal course of business; a pledging, transfer of security or conferment shall however not be permissible. We are to be immediately notified in writing of such impairments for the of avoidance of compensation for damage. The Recipient shall be obliged to secure our rights to payment in case of further sale of proprietary goods. The Recipient shall assign their claims of the arising from the further sale of the proprietary goods to us as of now; we shall accept this assignment. Irrespective of this assignment and our right to collect, the Recipient shall be entitled to collect as long as they fulfil their obligations towards us or do not fall into financial collapse. Upon our request, the Recipient shall provide us with the information required for collection regarding the assigned claims and inform the debtors of this assignment.
- 4.3 The Recipient shall undertake any working or processing of the proprietary goods for us without any obligations for us arising from this action. In case of processing or combination of the proprietary goods with other goods not belonging to us, then we shall be entitled to co-ownership of the new item to a proportion of the value of the proprietary goods in relation to the remaining processed goods at the time of processing or combining. Should the Recipient acquire the sole ownership of the new item, then the contractual partners agree that the Recipient shall grant us co-ownership of the new item to the proportion of the value of the processed or combined proprietary goods and safeguard these for us free of charge.

Should the proprietary goods be sold on together with other goods – regardless of whether without or after processing or combining – then the above agreed advance assignment shall apply only to the amount of the value of the proprietary goods which together with the other goods form the object of the sale. In case the claims of the Recipient arising from the further sale are received in a current account, then the Recipient hereby now assigns their claims from the current account, including the balance claim, which arise from the termination of the current account relationship and the statement of balance to us by way of security. The assignment shall be to the amount of the invoice value of the proprietary goods.

The Recipient shall inform us immediately regarding enforcement measures of third parties on the proprietary goods or on the claims assigned in advance.

- 4.4 Should the value of the proprietary goods plus the value of the claims assigned to us exceed our claims against the Recipient by more than 20%, then the respectively oldest claims assigned to us shall be assigned back to the Recipient, until the value of the securities provided to us is maximum 20% above our outstanding amount. Should the securities stated to us, even in case of complete assignment of all claims back to the Recipient, still exceed our claims by more than 20% then the ownership of the respectively oldest proprietary goods shall pass to the Recipient.
- 4.5 Should the Recipient not be in a position to return the delivery item in a proper state without charge for freight, then they shall assume liability for all freight costs and damages pertaining to this.
- 4.6 Should the proprietary goods be installed into property by the Purchaser, then the Purchaser shall assign the claims arising from this now for remuneration to the amount of the value of the proprietary goods with all ancillary rights, including the right to grant a debit-securing mortgage with priority above all other debts; we shall accept this assignment.
- 4.7 The Purchaser shall immediately instruct us regarding enforcement measures on the proprietary goods or advance assignment claims handing over the documents necessary for intervention. The intervention costs shall be borne by the Purchaser.
- 4.8 The assertion of proprietary rights shall not be valid for withdrawal from the contract.

4.9 The Purchaser shall adequately insure the proprietary goods against fire and theft.

5 Complaints and warranty

- 5.1 Complaints, regardless of which type, shall only then be taken into account if they have been brought to our attention in writing as an apparent defect within 8 days of the receipt of the goods. They shall not effect a change to the agreed terms and conditions of payment.
- 5.2 In case of substantiated cases, we shall deliver perfect goods free of charge as a replacement for the unprocessed defective goods which we take back.
- 5.3 Further claims, in particular for cancellation or compensation of any kind (compensation for profit, penalty for default) shall be excluded.
- 5.4 For the quality of the goods and products delivered by us and the machines and tools, the guarantee provisions or defect liability as defined by the trade associations and unions decisive for our delivery plant shall apply.
- 5.5 In case of third party products (commodities) our liability shall be limited to the assignment of our claims against their supplier, provided apparent defects should not have been recognised by us.
- 5.6 Natural wear, damage caused through violence, incorrect treatment and use, excessive stress or elemental effects shall be excluded as a reason for complaint.
- 5.7 The right to complaint shall lapse through unauthorised self-performed actions or actions requested by a third party on the goods

6 Terms and conditions of sale

- 6.1 The assignment of claims which are generated against us through a business transaction shall be excluded.
- 6.2 We shall be entitled to change prices, discounts or supplements at any time even without special notification.

7 Place of performance and place of jurisdiction

- 7.1 The place of performance for deliveries and service is Osnabrück.
- 7.2 The place of jurisdiction also for cheques and bills of exchange processes for both parties shall exclusively be Osnabrück, provided the contractual partner is a merchant and does not belong to the traders designated in § 4 HGB (German Commercial Code) or is a legal entity under public law.

8 Final provisions

- 8.1 The law of the Federal Republic of Germany shall apply exclusively for us, even if pertaining to foreign Buyers.
- 8.2 Should individual points or positions of our T&Cs of Business become ineffective in part or in their entirety, then the remaining provisions shall remain valid.
- 8.3 The uncontested acceptance of the order confirmation or invoice shall confirm the correctness of such to us and the acknowledgement of the abovementioned terms and conditions.

Quotation form

please fax to: 05406 | 8306-90

first name, last name company address ZIP code / city email phone I am a Building Owner Architect / Planner Building-material supplier Craftsman / Heating technician Please name supply sources for a suitable underfloor heating system

please mail to: mail@compact-floor.com

Project details		
project name	now building	□ renovation
Desired product / surfac	□ new building	□ renovation
Levelling insulation		
CompactFloor THEF		m²
CompactFloor THEF cement-bound levelling i	RM CE	m²
Thermal conductive la	ayers	
CompactFloor PRO Conductive layer based of		m ²
CompactFloor EXPI Fibre-reinforced concrete		m²
☐ CompactFloor DIRE Impact sound insulation	CT 1.5	m²
CompactFloor LIQU Casting compound	JID	m ²

COMPACTFLOOR®

Wärmeleitschichten · Conductive Layers

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