



UdiPRODUCT  
INFORMATION

*DAS ORIGINAL*  
**UNGER**  
**DIFFUTHERM**<sup>®</sup>  
Innovative Thermal Insulation Systems

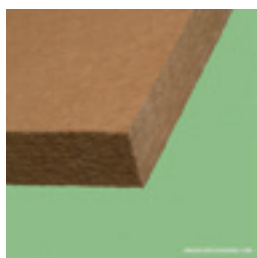
**NEWLY DEVELOPED**

## UdiSTEP<sup>®</sup> SYSTEM

*Get off on the right foot  
with our wood-fibre, floor insulation*



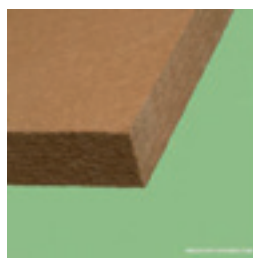
[WWW.UNGER-DIFFUTHERM.COM](http://WWW.UNGER-DIFFUTHERM.COM)



UdiTHERM® SK



UdiSTEP® 8



UdiTHERM® strong



UdiTHERM® NF

Natural, energy-saving insulation products from **UNGER-DIFFUTHERM** for all flooring applications – made from renewable raw materials.

**Dear readers,** Experience counts and that's what we are offering you. We have been researching, developing and manufacturing insulating products from sustainable, biologically-sound, wood-fibre insulating boards for over 20 years. The **UdiINSULATING SYSTEMS** are now even available for floors. **UdiSTEP® Systems** are: footfall-noise absorbent, natural, made without synthetic binders, energy-saving, durable, convenient and simple to install. Trust in our many years of experience. Your Unger-Diffutherm Team.

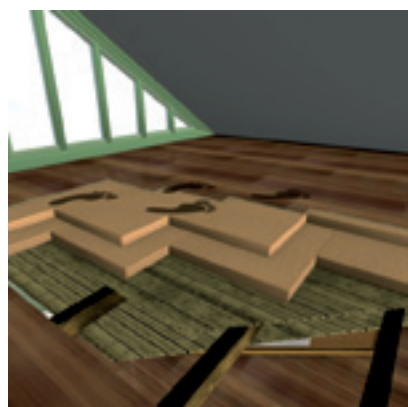


PICTURE 1

## UdiSTEP® SYSTEM beneath floorboards, parquet

**Example construction** from top to bottom

- Screwed, softwood floorboards 22 mm
- UdiTHERM® SK 60 mm with 60 mm support battens
- UdiSTEP® 8 mm
- Concrete with a moisture retarder membrane as per DIN 18195 or for standard, timber joist, floors



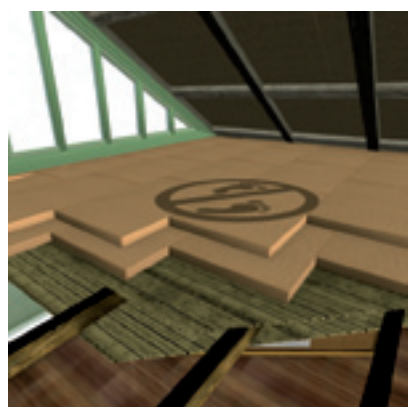
PICTURE 2

## UdiSTEP® SYSTEM for loft floors (limited loading/tread weight)

**Example construction** from top to bottom

- UdiTHERM® strong 80 mm
- UdiTHERM® SK 80 mm
- Unfinished or existing floor, e.g. for standard, timber joist, floors or concrete with a moisture retarder membrane

**A minimum thermal insulation value of 0.24 W/(m²K) now, instead of 0.30 W/(m²K) previously, for accessible loft areas.**



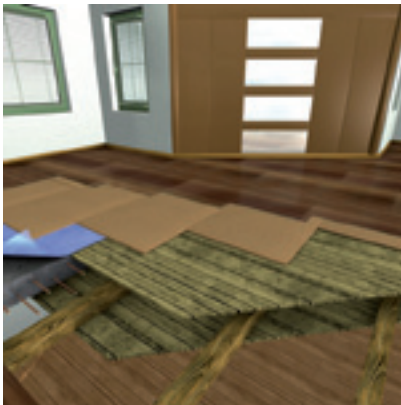
PICTURE 3

## UdiSTEP® SYSTEM for loft floors (only accessible for maintenance)

**Example construction** from top to bottom

- UdiTHERM® SK 80 mm
- UdiTHERM® SK 80 mm
- Unfinished or existing floor, e.g. for standard, timber joist, floors or concrete with a moisture retarder membrane

Decide now for the high-performance **UNGER-DIFFUTHERM** insulation, made with natural wood fibres. Use the potential of our products to save up to 40% on your previous heating costs and benefit from their heat-shielding properties to sleep better, in a cooler environment, on hot summer days.

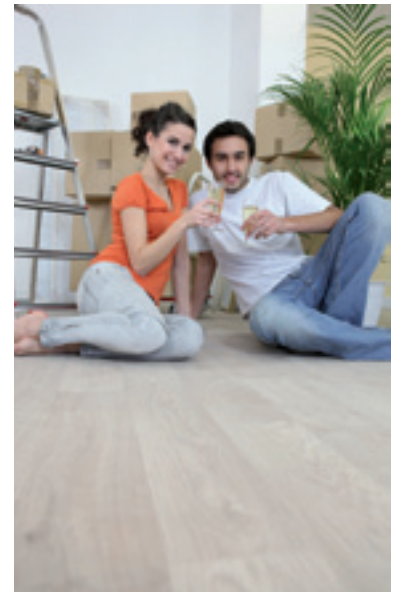


PICTURE 4

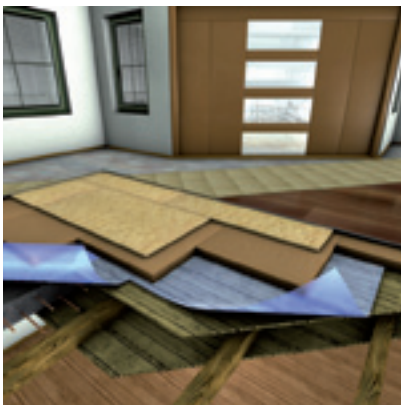
### UdiSTEP® SYSTEM beneath laminate flooring

**Example construction** from top to bottom

Laminate or ready-to-lay parquet  
 UdiSTEP® 8 mm  
 Unfinished or existing floor, e.g. for standard, timber joist, floors or concrete with a moisture retarder membrane as per DIN 18195



**Universally applicable due to its high compressive strength (> 100 kPa) Ideal for many types of floor constructions**

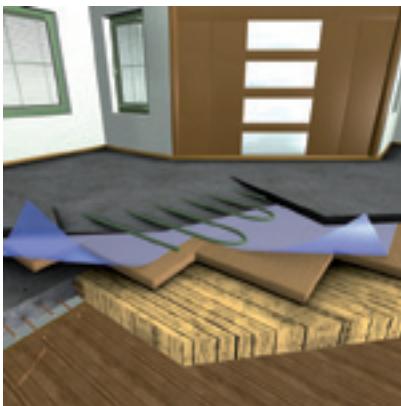


PICTURE 5

### UdiSTEP® SYSTEM universal use

**Example construction** from top to bottom

Laminate, tiles, Fermacell or carpet on HWS-boards or ready-to-lay parquet  
 UdiTHERM® SK 60 mm  
 Unfinished or existing floor, e.g. for standard, timber joist, floors or concrete with a moisture retarder membrane as per DIN 18195



PICTURE 6

### UdiSTEP® SYSTEM beneath cement screed

**Example construction** from top to bottom

Tiled screed with underfloor heating  
 Moisture retarder membrane as per DIN 18195  
 UdiTHERM® strong 60 mm  
 Unfinished or existing floor, e.g. solid timber ceilings or concrete with a moisture retarder membrane as per DIN 18195

**NOISE ABSORBENT**  
**DURABLE**  
**NATURAL**  
**HEAT RETAINING**

Technical data					
UdiSTEP® SYSTEM:	Available thicknesses mm	Apparent density kg/m <sup>3</sup>	Compressive strength kPa	Rated value (W/mK)	Possible applications
UdiSTEP®	8	ca. 230	≥ 100	0.049	Beneath laminate
UdiTHERM® SK	20, 30, 40, 60, 80, 100, 120	ca. 150	≥ 20	0.040	Private homes with normal loading levels
UdiTHERM® NF	20, 30, 40, 60, 80, 100, 120	ca. 150	≥ 70	0.043	Private homes with higher loading levels
UdiTHERM® strong	20, 40, 60 80, 100, 120	ca. 230	≥ 160	0.049	Commercial/public areas / beneath screed floors



## OUR SYSTEM RANGE:

### For roof and interior construction:

#### UdiCLIMATE<sup>®</sup> SYSTEM

*The interior insulation system with integrated climate chambers*

#### UdiSTONE<sup>®</sup> SYSTEM

*Ecological insulation blocks for partition wall construction*

#### UdiFLEX<sup>®</sup> SYSTEM

*Flexible planning with a flexible insulation to meet the highest of demands*

#### UdiTOP<sup>®</sup> SYSTEM

*The complete program for your roof*

#### UdiSTEP<sup>®</sup> SYSTEM

*Wood-fibre, floor insulation*



### For external walls:

#### UdiRECO<sup>®</sup> SYSTEM

*External thermal insulation composite system with intelligent levelling compensation*

#### UdiFRONT<sup>®</sup> SYSTEM

*External thermal insulation composite system with a 15 year guarantee*

#### UdiSPEED<sup>®</sup> SYSTEM

*The efficient insulation system for pre-fabricated, timber-frame buildings*

### For interior insulation:

#### UdiIN<sup>®</sup> SYSTEM

*Interior insulation system with a 15 year guarantee*

#### UdiIN RECO<sup>®</sup> SYSTEM

*The interior insulation system – specially designed for uneven surfaces*

#### UdiIN 2CM<sup>®</sup> SYSTEM

*The quick and slim internal insulation system*

Our specialist merchants are always happy to advise you:

**Unger-Diffutherm GmbH**  
Environmentally-friendly, innovative,  
insulation systems

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