

twebuilding



smart is ...

... when materials and competences complement each other perfectly.



Quiet-Step

Acoustic Insulation Flooring

- acoustic insulating underlay material for flooring
- laminated to avoid humidity coming in contact with floor
- compatible with underfloor heating systems
- excellent impact noise reduction
- durable over a very long period in time
- correct irregularities and imperfections

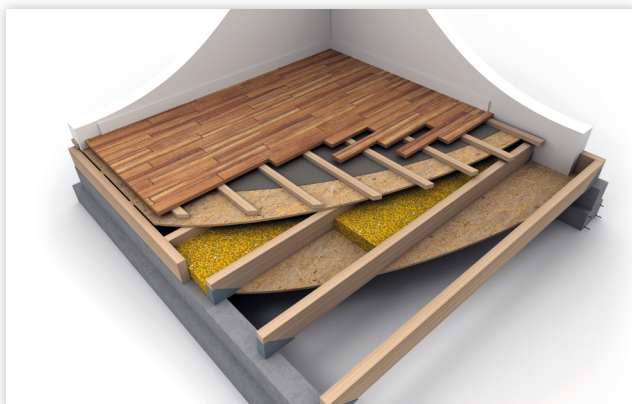
Wooden Floor



Stone Floor



Underflooring system



twe group
smart nonwoven
solutions

TWE Group GmbH · Hollefeldstraße 46 · 48282 Emsdetten · Germany · Fon: +49 (0) 2572-2050
TWE Meulebeke BVBA · Marialoopsteenweg 51 · 8760 Meulebeke · Belgium · Fon: +32 (0) 51 426 800

www.twe-group.com · buildingandconstruction@twe-group.com



Our product range:



Quiet-Step

	Product	Composition	Weight	Thickness	Moisture barrier	Acoustic properties	Tested flooring system
Wooden flooring	Quiet Step L1	100 % PET	250 g/m ²	4,75 mm	Yes (breathable nonwoven)	$\Delta L_w = 21$ dB	8 mm laminate flooring
	Quiet Step L2	100 % PET	330 g/m ²	5,00 mm	Yes (120 μ white PE film)	$\Delta L_w = 21$ dB	7 mm laminate flooring
	Quiet Step L3	100 % PET	400 g/m ²	4,30 mm	Yes (200 μ black PE film)	$\Delta L_w = 19$ dB	8 mm laminate flooring
	Quiet Step NF1	100 % PET	220 g/m ²	3,00 mm	No	$\Delta L_w = 18$ dB	8 mm laminate flooring
	Quiet Step NF2	100 % PET	280 g/m ²	3,50 mm	No	$\Delta L_w = 18$ dB	8 mm laminate flooring
	Quiet Step NF 22	100 % PET	190 g/m ²	4,00 mm	No	$\Delta L_w = 22$ dB	7 mm laminate flooring
Under screed	Quiet Step SC3	100 % PET	310 g/m ²	3,50 mm	Yes (40 μ white PE film)	$\Delta L_w = 18$ dB	40 mm floating screed
						$\Delta L_w = 20$ dB	liquid screed
UK flooring system	Quiet Step T1	100 % PET	1000 g/m ²	9–10 mm	No		
PVC flooring	Quiet Step SP1	100% PET + EVA powder	400 g/m ²	2,00 mm	No	$\Delta L_w = 22$ dB	4 mm PVC click system

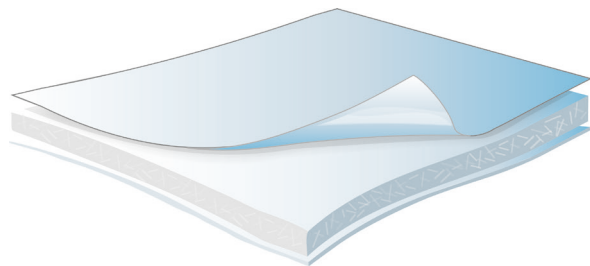
Features

Solution for every floor system ➤

Moisture-barrier possible ➤

Resilient structure ➤

Fast and clean to install ➤



Benefits

- significant reduction of impact sound
- breathable version
- versions that can be used with floor heating systems, low heat resistance
- odour free
- humidity and rot resistant, no mould growth
- Oekotex class I certified

Benefits vs. Foam

- Durable (100% polyester fibres) – constant acoustic properties in time
- Light
- No chemicals used, no emission of VOCs, A+ rating
- Soft and drapable, very easy to cover up unevenness in the floor structure