

PRODUCT DATA

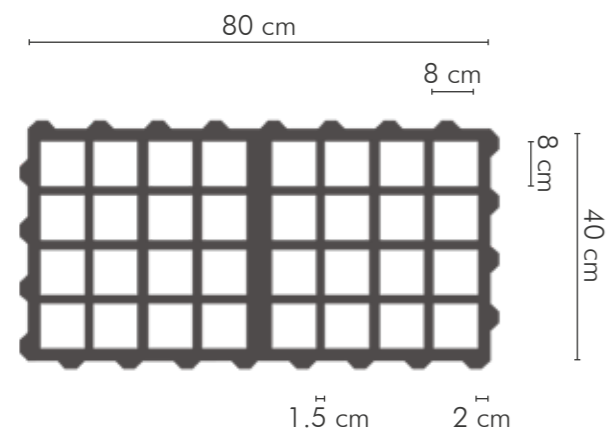
TTE[®] MULTIDRAIN^{PLUS}



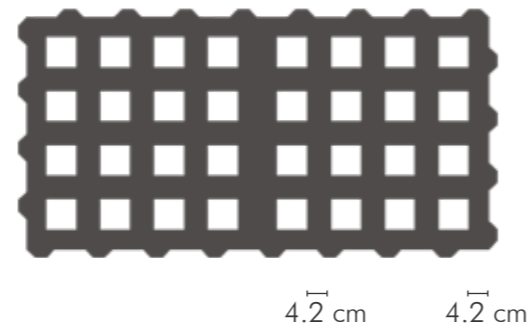
Technical Data

Material	100% recycled plastic (Der grüne Punkt / Gelber Sack, Gelbe Tonne)
REACH compliance	Compliance in acc. with VO (EG) 1907/2006 SVHC list and annex XVII
Surface	rhombic knobs, anti-slip
Art. - No.	1351.4080
Colour	grey - anthracite
Effective measure	80 × 40 cm 32 chambers (8 × 8 cm) 1 m ² = 3.125 Stk.
Dimensions	80 × 40 × 6.2 cm plus 1.5 cm interlocking joints
Grid thickness	inner grid approx. 1.5 cm outer grid approx. 2 cm
Weight	8.7 kg (approx. 27 kg/m ²)
Loading capacity, static	147 kN (approx. 15 t) per test specimen (20 x 20 cm, unfilled) (tested by TÜV SÜD in acc. with DIN 53454)
Loading class	suitable for heavy traffic up to 20 t axle load
Slip rating	R 11
Slip Angle	20°
Chamber share	64% of the total area (projective ground cover with greening up to 100%)
Top	anti-slip, nubbed grid
Bottom	wide T-support with 4.2 cm
Per pallet	28.8 m ² (90 pcs.)
Max. loading capacity/lorry	30 pallets (= 864 m ²)
Pallet size	L × W × H: 123 × 83 × 200 cm

DIMENSIONS



Top TTE® MultidrainPLUS



Bottom TTE® MultidrainPLUS



Cross-section TTE® MultidrainPLUS

TTE® - PROVEN QUALITY

TÜV SÜD tested

Dimensional stable	in conformity with ISO 11359
Pressure stable	in acc. with DIN EN ISO 604
Axle load of up to 20 t	in acc. with DIN 1072
Sufficient for fire-fighting areas	in acc. with DIN 14090, "Fire-fighting areas and properties"
UV stable	in acc. with DIN 4892-3
Weatherproof	in acc. with DIN EN 438-2 Point 19
Inspection of PAH and heavy metals	in acc. with ISO 11885 / SAA-L-1510 / DIN 38415-T06
Without environmental impact	in acc. with DIN 38415-T06 / DIN 38412 - L30 / DIN 38412 - L33
Chemical resistance	to deionised water, petrol, engine oil, caustic soda, hydrochloric acid



References of the certificates can be found at huebner-lee.de/en/downloads



TÜV SÜD certified

The quality and resilience of TTE® MultidrainPLUS has been extensively tested and confirmed by TÜV SÜD Industrie Service GmbH.



EPD Environmental Product Declaration

The EPD has been verified by the independent Institute for Building and Environment (IBU). It discloses all CO₂ emissions and environmentally relevant factors of the entire TTE® product life cycle.



CO₂ compensated since 2021

By supporting certified climate protection projects we compensate 100% of the CO₂ emissions from the production of TTE® MultidrainPLUS.

PRODUCT DATA TTE® PAVERS



Technical Data	TTE® Paver	TTE® Paver ^{GRIP}
Colours	stone grey, ruby red, anthracite, sand, white, anthracite-mix	stone grey
Material	Concrete DIN EN 1338 with chamfer 2-layered	
Weight	600 gr/pc.	630 gr/pc.
Dimensions	7.4 × 7.4 × 4.9 cm	7.4 × 7.4 × 5.1 cm
Weather resistance	D	
Abrasion resistance	I	
Slip rating	R 12	R12
Slip Angle	28°	33°
Pallet Half pallet	1.440 pcs. = 14.4 m ² laid surface 720 pcs. = 7.2 m ² laid surface	
Max. loading capacity/lorry	27 pallets (= 388.8 m ²)	26 pallets (= 374.4 m ²)
Pallet size	L × W × H: 92 × 92 × 80 cm	

stone grey

ruby red

anthracite

anthracite-mix

sand

white

GRIP



GENERAL NOTES

Material

- Slight colour variations, material inclusions and dimensional tolerances as well as temporary odour emissions cannot be ruled out with products made from recycled post-consumer plastic such as TTE® Multidrain^{PLUS} and do not constitute reasons for complaint. Possible odours are not hazardous to health and disappear after short time.
- TTE® Multidrain^{PLUS} lightens due to UV radiation. The colour changes do not constitute reasons for complaint, as the UV radiation only has a superficial effect and the durability, load-bearing capacity and functionality of the grid are still guaranteed (UV stability confirmed by TÜV SÜD). Due to outdoor storage on pallets, the outer sides and in particular the top layer may be lighter in colour than the parts of the grid that are protected from light. After a few months of exposure to sunlight, the colour of the TTE® grids will even out across the surface.
- Occasionally, lime efflorescence is possible with paving stones. They do not represent a defect and do not impair the functionality. The lime efflorescence disappears after some time due to the weather. Efflorescence can also be reduced manually using suitable cleaning agents. Contact us, we will be happy to help you.

All information without guarantee. Errors and omissions excepted.



HÜBNER-LEE GmbH & Co. KG, Gewerbestr. 1, D-87752 Holzgünz
Tel.: +49 8393 9229-0, Fax: -22, info@huebner-lee.eu, www.huebner-lee.de/en

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