

# PRODUCT DATA

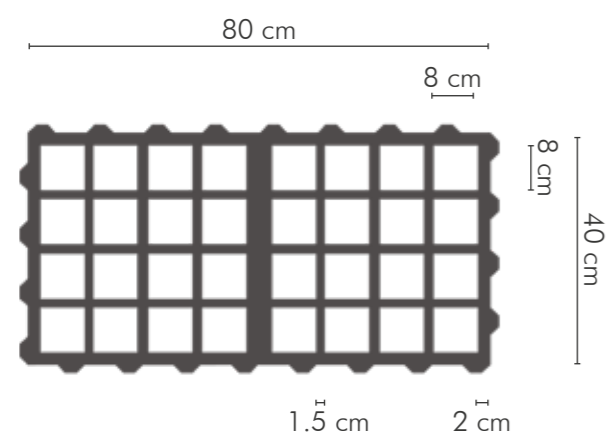
## TTE® MULTIDRAIN<sup>PLUS</sup>



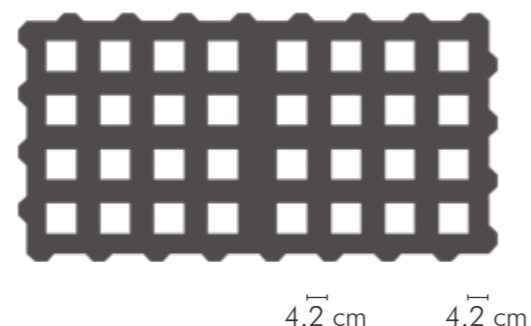
### Technical Data

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 <sup>2</sup> = 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 <sup>2</sup> )
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 <sup>2</sup> (90 pcs.)
Max. loading capacity/lorry	30 pallets (= 864 m <sup>2</sup> )
Pallet size	L × W × H: 123 × 83 × 200 cm

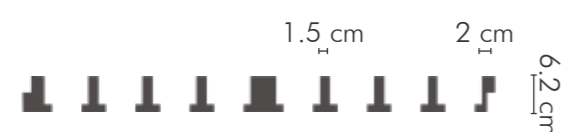
## DIMENSIONS



Top TTE® Multidrain<sup>PLUS</sup>



Bottom TTE® Multidrain<sup>PLUS</sup>



Cross-section TTE® Multidrain<sup>PLUS</sup>

## 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](http://huebner-lee.de/en/downloads)



### TÜV SÜD certified

The quality and resilience of TTE® Multidrain<sup>PLUS</sup> 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 CO<sub>2</sub> emissions and environmentally relevant factors of the entire TTE® product life cycle.



### CO<sub>2</sub> compensated since 2021

By supporting certified climate protection projects we compensate 100% of the CO<sub>2</sub> emissions from the production of TTE® Multidrain<sup>PLUS</sup>.

## PRODUCT DATA TTE® PAVERS



Technical Data	TTE® Paver	TTE® Paver <sup>GRIP</sup>
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 <sup>2</sup> laid surface 720 pcs. = 7.2 m <sup>2</sup> laid surface	
Max. loading capacity/lorry	27 pallets (= 388.8 m <sup>2</sup> )	26 pallets (= 374.4 m <sup>2</sup> )
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 plastics such as TTE® Multidrain<sup>PLUS</sup> and do not constitute reasons for complaint. Possible odours are not hazardous to health and disappear after short time.
- TTE® Multidrain<sup>PLUS</sup> 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).
- 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.

All information without guarantee. Errors and omissions excepted.



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