

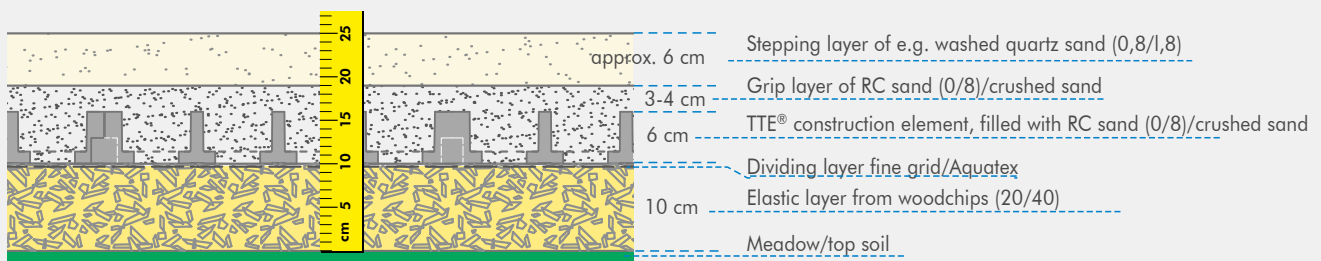
# TTE<sup>®</sup> SYSTEM

Innovations by  
HÜBNER-LEE

## All-weather reining floor

Art & Light Photography

Ideal sliding conditions, with elastic effect



### Advantages of the TTE<sup>®</sup> system:

- Harmlessly level slide/grip
- Shock-absorbing TTE<sup>®</sup> structure
- Permanent drainage
- Low expense in materials and building
- Loose stepping layer with little dust



Stepping layer is loosely lying on a stable grip layer for safe and controlled sliding



Weight-bearing TTE<sup>®</sup> elements on a soft elastic wood layer with forced moved joints for drainage

# Special solution with TTE®: The reining floor

With elastic effect - indoors and outdoors



Special reining floor

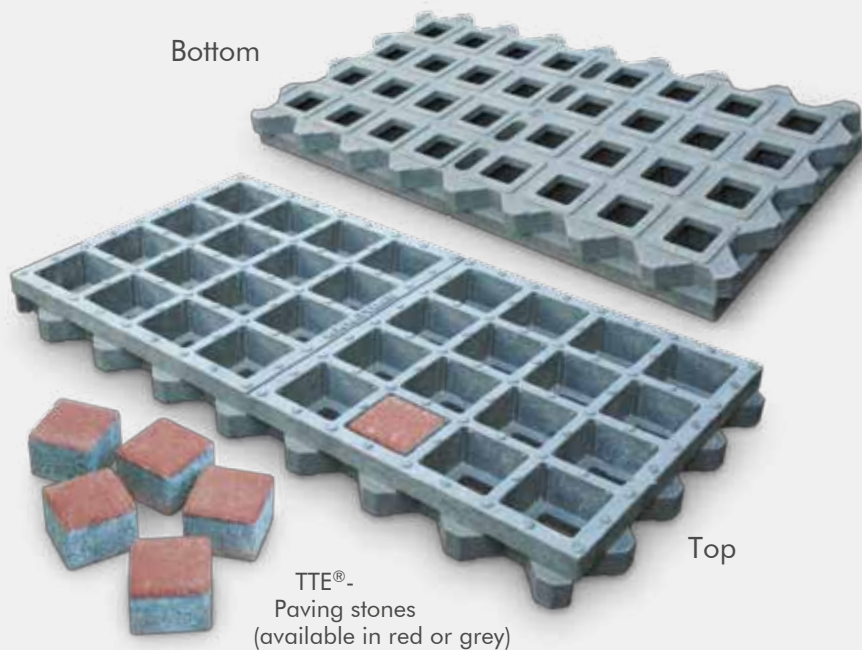
**For professionals:**  
High requirements to horse, rider and ground

**For mass sport:**  
Safety by levelness, low care

	Purpose	Requirements	Solution
1	Perfect maneuvering	▶ high grip ▶ high levelness ▶ avoiding any contact of hoof and grid	▶ TTE® grid with grip layer (see cut view on the title page)
2	Top Tretschicht	▶ no slipping ▶ little dust	▶ washed quartz sand e.g. 0,8-1,8 mm low fines
3	Safe drainage	▶ permeable, but safe sliding layer	▶ TTE® on elastic layer → mobile joints → drainage
4	New: Shock absorption	▶ Joint protection	▶ Forest-ground effect by elastic wood layer

A TTE® riding arena can be adapted individually to any other horse-riding disciplines. Please contact us.

# TTE®-MultiDrain<sup>PLUS</sup> - the powerful and ecological



For modern and humane horsekeeping

## Technical data

Name	TTE®-MultiDrainPLUS with trapezoid composite, with knobs
Material	Without environmental impact, due to 100% recycled plastic
Colour	grey - anthracite
Size	approx. 80 x 40 x 6 cm with 32 chambers (size 8 x 8 cm), 1 m <sup>2</sup> = approx. 3,125 pieces
Actual measure	approx. 80 x 40 cm plus 1.5 cm at the edges because of dovetailing
<b>Bar strength</b>	approx. 14 mm on top, 15 mm on bottom
<b>Weight</b>	approx. 8 kg (25 kg/m <sup>2</sup> )
Loading capacity, static (lab conditions)	approx. 147 kN (approx. 15 t) per test body (approx. 20 x 20 cm, consisting of 4 unfilled chambers, certified by TÜV Süd)
Top	slide-restraining bars, with knobs
Bottom	wide T support (approx. 4.2 cm)
Slope/gradient type	applicable up to approx. 10%
no.	1351.4080
Max. scope of delivery per lorry	913.92 m <sup>2</sup> = 28 pal. 6 102 items (32.64 m <sup>2</sup> ) (palette size LxWxH: 123 x 85 x 225 cm)

## Ranges of application:

Riding places of all disciplines  
Paddocks and runs,  
also on mush surfaces  
Riding halls  
Roundpens  
Horse walkers (with TTE® plaster)  
Paddock access ways/riding paths  
Yard paving (with TTE® plaster)



TTE® jumping place: horse riding in every weather, easy on the joints.



TTE® run: partly covered with TTE® plaster, easy-care, versatile and lasting a horse's life



This bad weather surface was built directly on mush. Partial paving may be extended any time.



Horse walker with shock-absorbing TTE® plaster floor

# Stable mats for stalls, open stables and freestalls

with fold for all-around linking

- cold-insulating and elastic
- slide-resistant
- easily and hygienically cleaned
- resistant to acid and urine
- easy to apply, ideally in T joint composite
- may be cut with hard metal saw blade
- 5-8 cm of sawdust layer (saves approx. 50 % of dust)



HL stall mats (type no. 1,342.1024) The fold for all-around linking provides for stable hold of the mats.



The HL stable mats have proven themselves in stalls, open stables and freestalls for many years.



HL freestall mats (type no. 1,342.1040) The specific form of the mat is based on long-standing practical experience.

B Ua Y'UbX'hndY"bc"	Application	Mass (actual)	Weight
<@gU`a Uh 1342.1024	Stables with concrete or plaster grounds	600 x 800 x 22 mm (580 x 760 mm = 0,44m <sup>2</sup> /item*)	10 kg
<@ZYgU`a Uh 1342.1040	Free or open stables with/ without fastened grounds (3-5 cm of grit bed, if any)	1200 x 800 x 43 mm (1160 x 760 mm = 0,88m <sup>2</sup> /item*)	28 kg
Material	recycled cable sheath, with environmental harmless certificate		
Colour	anthracite		

\*) Actual surface per mat: Surface without overlapping areas  
 All values are approximate  
 Attention: Durability of the stable mats may drop when used with horseshoe-cleats

Please, contact us to discuss the perfect application of the HL stable mats to meet your demands.