



DANREC

THE GREEN CHOICE 

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novus:HM

TERRA-GRID

E[®] 35

- Ground reinforcement without sealing
- Non-slip and even surface
- High-load separating layer
- Easy installation
- Flexible plastic components and stability due to high proportion of ribs

SECURING WITH A SYSTEM

Your specialist for paddock, turnout, and riding arena construction



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TERRA-GRID E® 35

Application for riding arenas:

- Used as a separating layer, prevents mixing of sub-base and footing layer
- Flexible and cushioning, thus gentle on joints
- Firm connection across the entire surface
- Highly load-bearing (up to 160 t/m²) due to a large number of ribs
- Non-slip thanks to interrupted ribs on the top side
- Elements in the interlocking system compensate for expansion due to temperature fluctuations
- Low maintenance

TERRA-GRID E®35 installation recommendations based on load requirements can be found at www.novus-hm.com

1. On light sub-base, limited vehicle access
2. On heavy sub-base, accessible even with heavy machinery
3. On conventional sub-base, accessible with heavy machinery

Application for paddocks and open stalls:

- Sealed-free ground reinforcement
- Rainwater is drained away
- Even distribution of ground pressure through large contact surfaces
- Clean, dry surface helps support animal health
- Resistant to ammonia, acids, and road salt
- Filling with round gravel can reduce surface freezing
- Easy to clean



In 2021, TERRA-GRID E®35 was awarded the RAL quality mark for recycled plastic products according to RAL-GZ 806.



BASE LAYER



SEPERATION LAYER



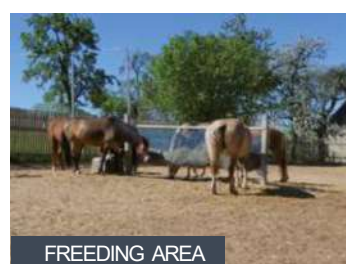
TOP LAYER



Possible applications: Riding hall | Horse walker | Lungeing circle | Round pen



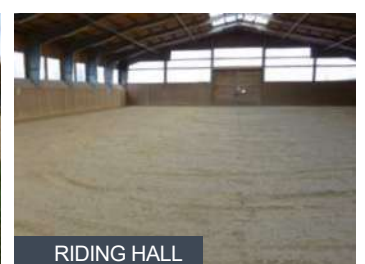
OPEN STALL



FREEDING AREA



PADDOCK



RIDING HALL

TERRA-GRID E®35 is supplied pre-connected in 1.1 m² units for quick installation.

This corresponds to 12 individual grids measuring 30.2 x 30.2 cm each.

Height: 3,5 cm

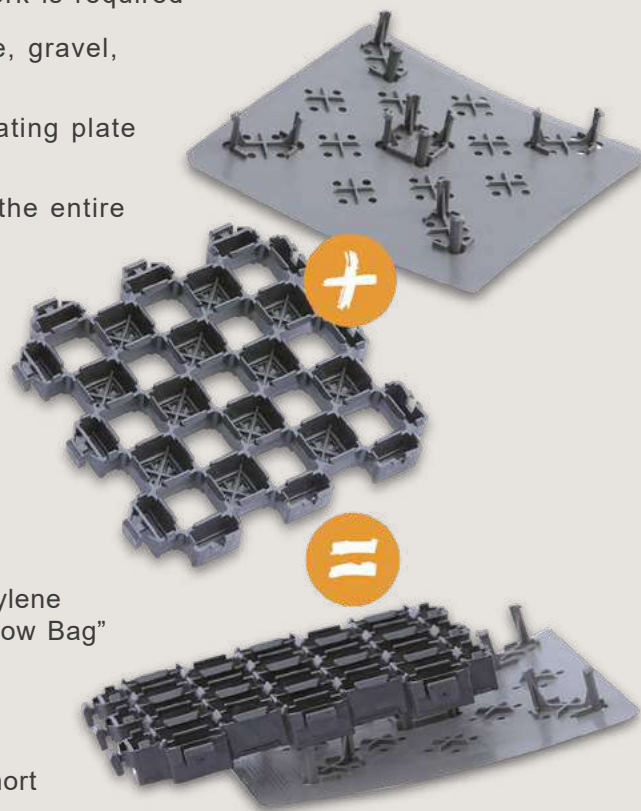
Rib thickness: 5 mm

Pallet: 80 m² / ca. 500 kg

TERRA-GRID E® 35+

The combination of proven plastic grids with a separating plate enables use without a sub-base

- The ground remains unchanged – no excavation work is required
- All additional sub-base components (such as fleece, gravel, crushed stone, etc.) can be completely omitted
- The plastic grids are firmly connected to the separating plate and installed in a single step (all-in-one)
- Double interlocking ensures secure stabilization of the entire surface
- Rainwater is reliably drained away



Our contribution to the environment:

- TERRA-GRID E®35 is made from pure-grade polyethylene regranulate – recycled material sourced from the “Yellow Bag” collection system
- TERRA-GRID E®35 is 100% recyclable
- TERRA-GRID E®35 is made in Germany, ensuring short transport routes directly from the manufacturer
- We strive for sustainability in production by using electricity from renewable sources, some of which we generate ourselves



OPEN AREA FOR E35+



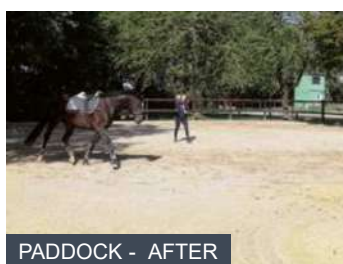
Possible applications: Feeding & drinking areas | Wash bays | Storage areas | Parking spaces



OPEN STALL



PADDOCK - BEFORE



PADDOCK - AFTER



RIDING ARENA

TERRA-GRID E®35+ is supplied pre-connected in 1.3 m² units for quick installation.

This corresponds to 12 individual grids measuring 30.2 x 30.2 cm, with an offset-mounted separating plate.

Height: 4,5 cm

Rib thickness: 5 mm

Pallet: 50 m² / ca. 450 kg

TERRA-GRID E® 35 Suggestion

Geotextiles – in combination with TERRA-GRID E®35:

Mud and sludge are common problems in riding arena and paddock construction.

With a combination of geotextiles and TERRA-GRID E®35, the effort required for the base layer can be significantly reduced.



DANREC A/S

Vandværksvej 5

7470 Karup J

DENMARK

+45 97 100 200

www.danrec.eu

danrec@danrec.dk

