

# New Building riding arena/ paddock with **TERRA- GRID E 35**

novus:HM

[www.novus-hm.com](http://www.novus-hm.com)



Structure in layers, conventionally driveable



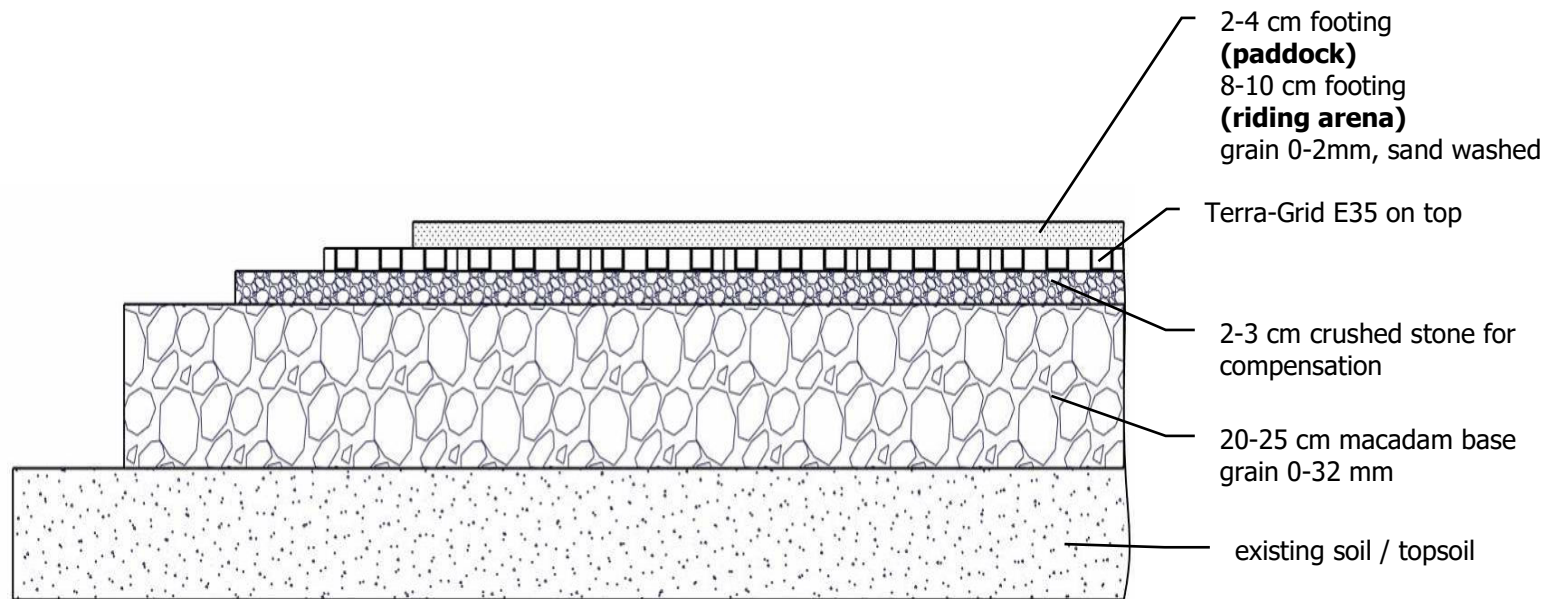
## Advantages:

- Frost resistant
- Very High resilience
- Assured de-watering
- Quick and easy installation on one's own initiative
- No need for qualified staff

# Installation recommendation

novus:HM

www.novus-hm.com



This assembly is particularly suitable for riding arenas which are driven with heavy equipment.

# Calculation/ demand

novus:HM

[www.novus-hm.com](http://www.novus-hm.com)

## Calculation of need for bulk solids/ per sqm:

macadam base = = 0,25 cbm or 0,358 t per sqm

crushed stone/grit = 0,05 cbm or 0,07 t per sqm

## Footings:

sand/ filling material = 0,04 cbm or 0,07 t per  
sqm (paddock)

sand/ filling material = 0,13 cbm or 0,195 t per  
sqm (riding arena)

Example calculation for 160 sqm:

macadam base =  $160 \text{ sqm} \times 0,358 \text{ t} = 57,28 \text{ t}$

crushed stone/grit =  $160 \text{ sqm} \times 0,07 \text{ t} = 11,20 \text{ t}$

sand/ filling material =  $160 \text{ qm} \times 0,1 \text{ t} = 16,00 \text{ t}$   
(paddock)

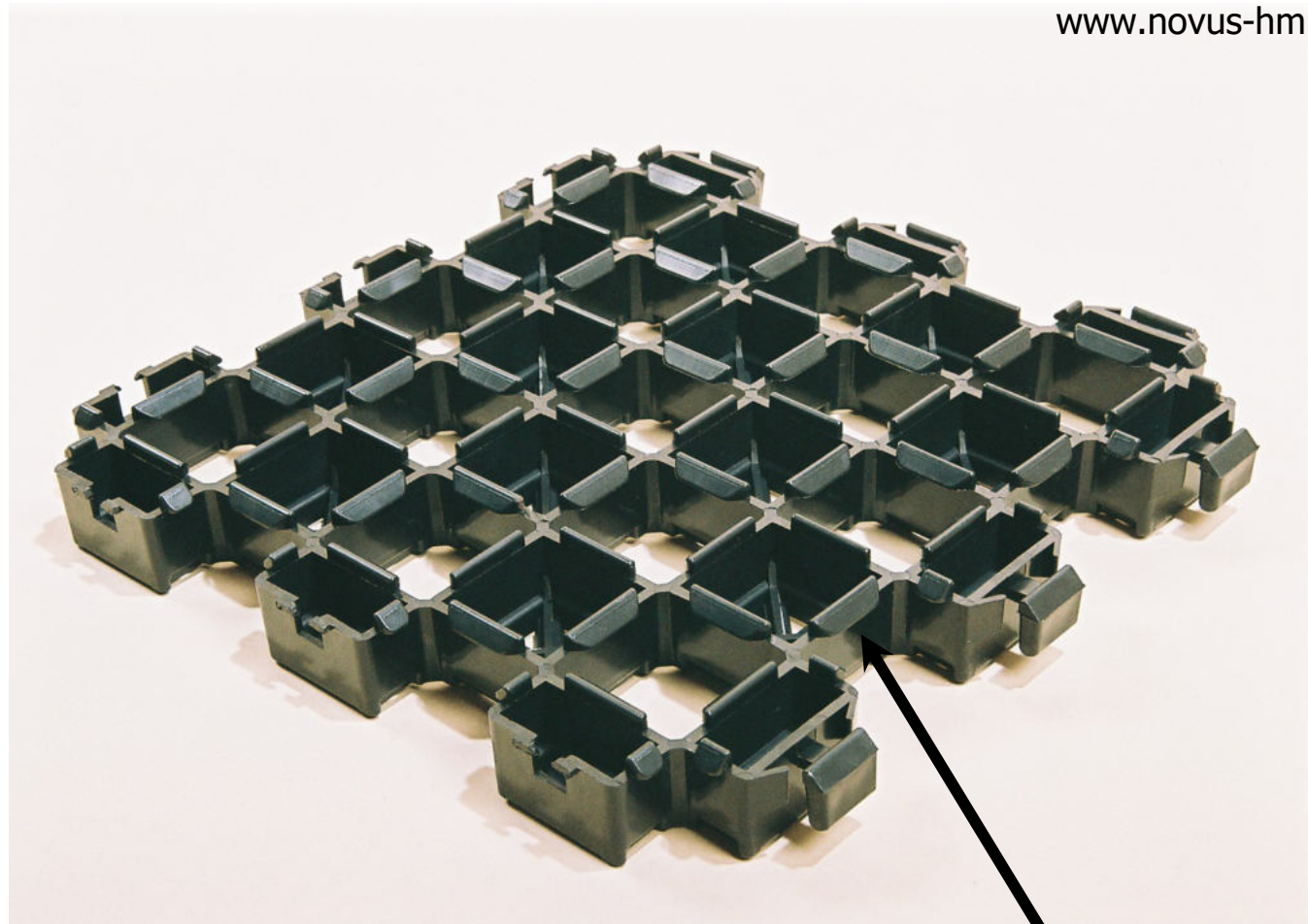
sand/ filling material =  $160 \text{ qm} \times 0,195 \text{ t} = 31,20 \text{ t}$   
(riding arena)

The installation recommendations and calculations listed above are examples. Local conditions may be significantly different.

# Installation

novus:HM

[www.novus-hm.com](http://www.novus-hm.com)



**TERRA- GRID E 35** on top, what means its closed side points downwards.

# Impressions

Here is our gallery of previous, succesful projects.

