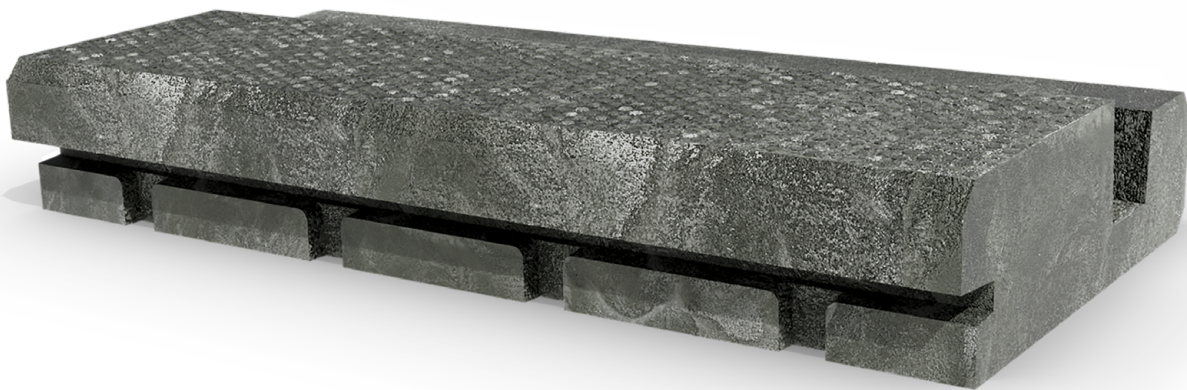


Product Information

FORMATURF TRIONSTEIN

**Reimagining sports pitch construction.
One component, endless possibilities.**



TrionStein by FormaTurf is reinventing sports pitch construction. This innovative, patented construction element is made entirely from recycled materials reclaimed from old artificial turf systems. Its versatility is impressive: use it as an edging stone, turf-clamp panel, finishing stone for artificial turf, or as an edging board (see illustrated examples on the following pages). The TrionStein is produced using the patented FormaTurf Composite process.

Designed with functionality in mind, the TrionStein features anti-slip studs on its top surface and two drainage holes, sealed with a thin layer that can be removed if required. It also includes a recess for securing a root barrier, making it a practical, sustainable solution for modern sports pitch construction.

Advantages:

- Resistant to environmental influences
- Fire classification Efl (EN13501-1:2018)
- Made from 100% recycled artificial turf systems
- Water-repellent
- Material does not splinter
- Versatile for use in sports pitch construction on both artificial and natural surfaces
- Fully recyclable
- UV-resistant

Dimensions*:

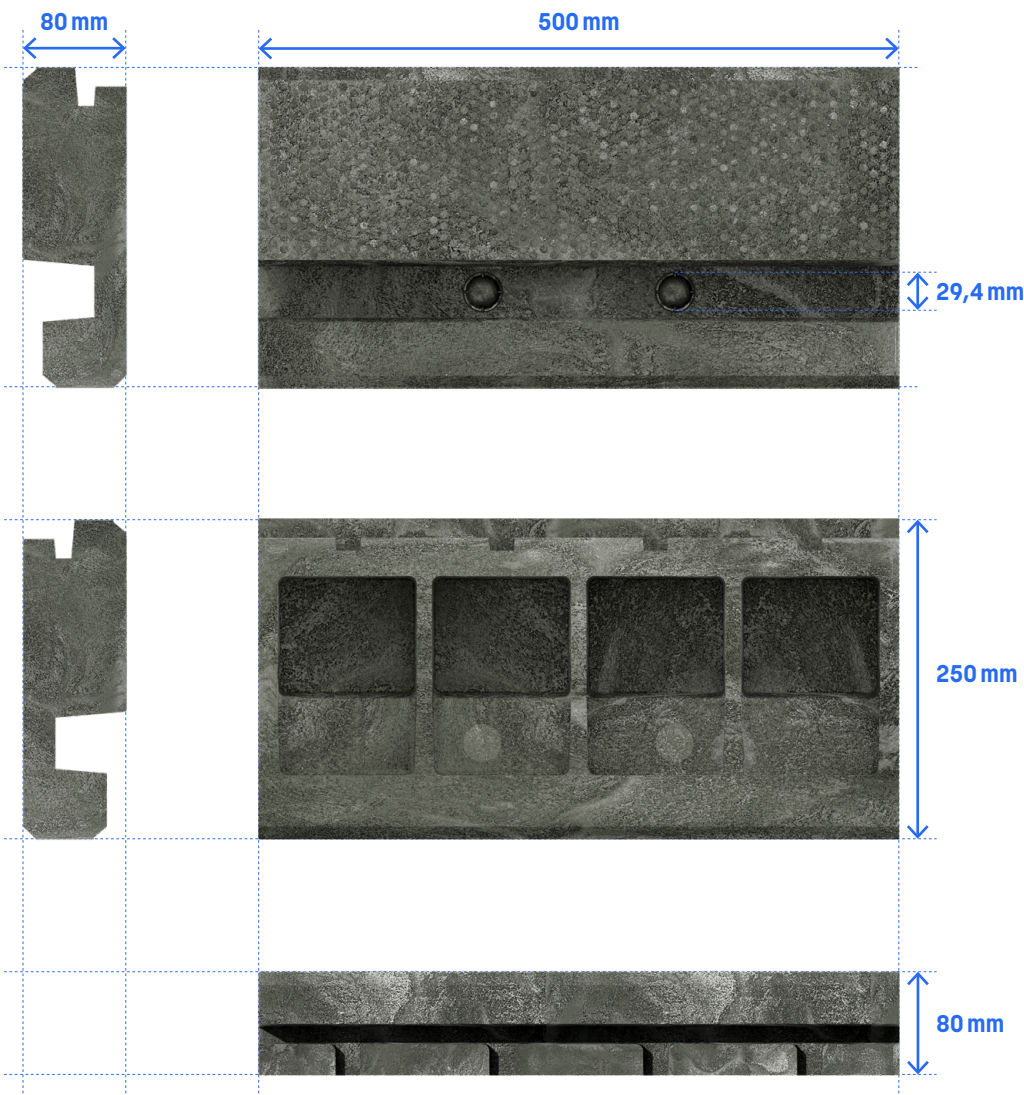
- 500 x 250 x 80 mm

* Please note that minor variations in dimensions and weight (up to $\pm 5\%$) may occur due to the recycled materials used.



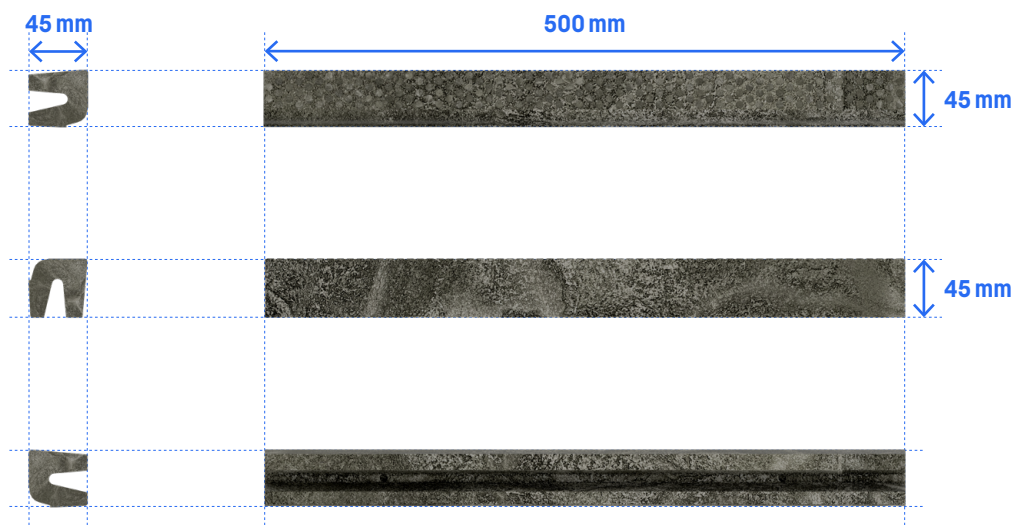
Specifications*

Item	Item No.	Length	Width	Height	Weight	Qty per pack	Pack weight	Pack dimensions
TrionStein	510500	500 mm	250 mm	80 mm	8,9 - 9,7 kg	72 pcs.	est. 700 kg	1200 x 800 mm / Disposable EURO pallet



* Please note that minor variations in dimensions and weight (up to ±5%) may occur due to the recycled materials used.

Item	Item No.	Length	Width	Height	Weight	Qty per pack	Pack weight	Pack dimensions
Clamping strip	510505	500 mm	40 mm	40 mm	1,3 - 1,5 kg	18 pcs / carton	est. 103 kg	200 x 800 mm / Disposable EURO pallet



TEST REPORT: 24-29128:

REACH – Tested according to the SVHC list: No exceedance of limit values..

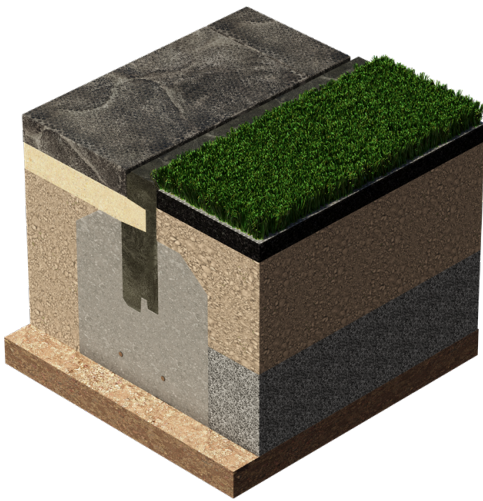
TEST REPORT: 24-29129:

PFAS – No exceedance of guideline values.

Application Examples

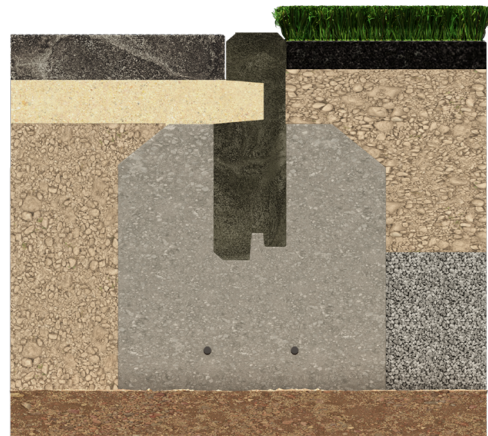
1. Use as an Edging Stone:

As an edging stone, the TrionStein separates vegetation from paved areas and prevents the growth of grass and weeds. It meets current technical standards and is suitable for creating borders in both public and private sports facilities. Instead of a concrete block, this version can also be realised using a FormaTurf paving slab with an anti-slip studded surface.



Advantages:

- Reduced maintenance requirements
- Secure and stable installation
- Designed for a permanent fit in a concrete base
- Product cavities allow a stronger connection between TrionStein and the concrete bed
- Built to last and weather-resistant
- Lighter weight makes handling and installation easier



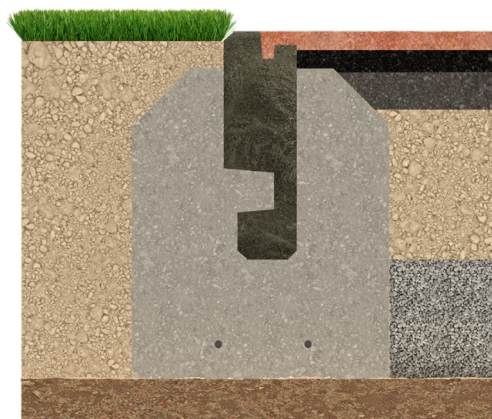
2. Use as an Edging Board:

When used as an edging board, the TrionStein provides a neat finish for synthetic surfaces and acts as a clear boundary between artificial or natural turf and the synthetic surface.



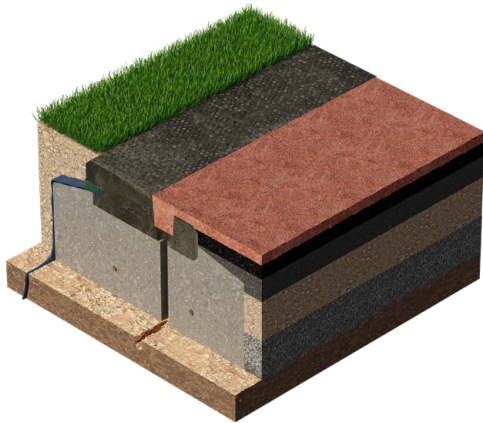
Advantages:

- Durable, safe, and easy-to-maintain surface
- High-quality synthetic surface locks securely into the anchoring groove for a permanent hold
- Hollow sections create a stronger connection with the concrete base
- PU coating sticks securely thanks to a release-agent-free production process



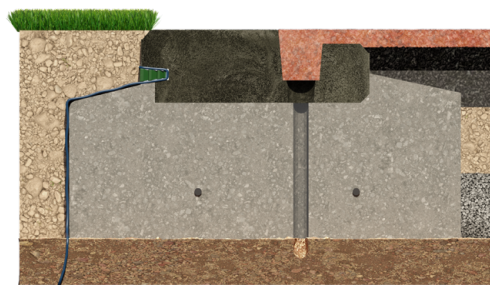
3. Use as an Edging Plate:

The TrionStein is ideal as an edging plate, for example along the edge of an athletics track. Its studded surface provides a safe, non-slip transition to the playing area. The plate also features a recess or groove in the concrete base where a root barrier can be secured. Using a standard aluminium strip or rubber wedges, the root barrier is clamped into the groove, helping to prevent any unevenness that might develop over time due to roots in the underlying soil.



Advantages:

- Seamless, low-maintenance surface
- Textured surface helps prevent slipping
- PU coating adheres more securely thanks to a release-agent-free production process
- Safe and stable installation
- Designed for a firm, permanent fit in a concrete base
- Hollow sections create a stronger connection between the TrionStein and the concrete base



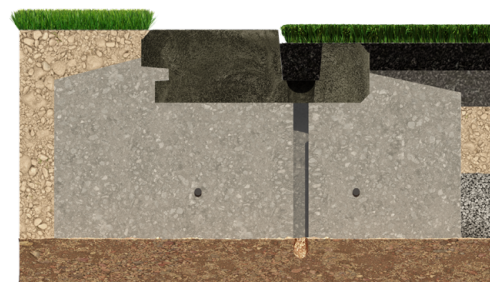
4. Edging Plate for Natural-to-Artificial Turf Transitions:

The TrionStein can be used as an edging plate between natural and artificial turf. On the natural turf side, it provides a mowing edge, while the other side serves as a finishing stone for the artificial turf. The recess can be filled with flexible base material, allowing the artificial turf to be laid flush to the edge. Pre-punched drainage holes in the recess can be pierced if needed, making the system water-permeable at the edges. Corresponding holes in the concrete must be planned accordingly.



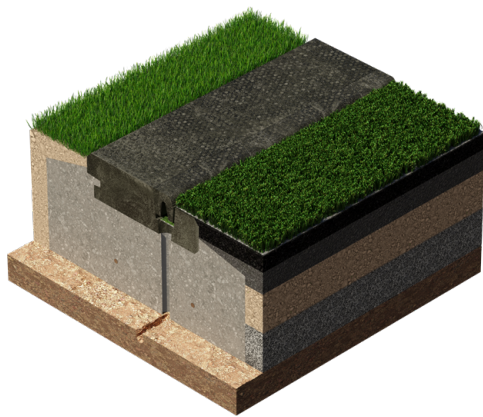
Advantages:

- Seamless, low-maintenance surface
- Studded surface helps prevent slipping
- Optionally water-permeable thanks to pre-punched drainage holes
- Secure and stable installation
- Designed for a firm, permanent fit in a concrete base
- Hollow sections provide a stronger connection between the TrionStein and the concrete base



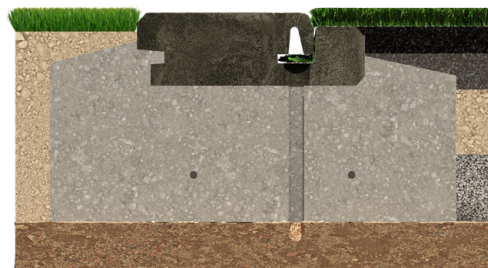
5. Use as a Clamping System for Artificial Turf:

In combination with the separately available clamping strip, the TrionStein can also be used as a clamping system for artificial turf. It works with all common turf types, including short, textured hockey turf and long-pile football turf. Depending on the turf type, it can be clamped from the side or pulled under the clamping strip and then secured. With the additional drainage function, rainwater can flow freely through the clamping system. The drainage holes in the TrionStein must be pierced as needed, and corresponding holes in the concrete should be planned accordingly.



Advantages:

- Safe and extremely stable clamping system made from recycled artificial turf
- Easy to secure using a standard rubber mallet
- Suitable for all common types of artificial turf
- Optionally water-permeable thanks to pre-punched drainage holes
- Durable, safe, and low-maintenance surface
- Designed for a firm, permanent fit in a concrete base
- Hollow sections provide a stronger connection between the TrionStein and the concrete base



Management
System
ISO 9001:2015

www.tuv.com
ID 9000035799



FormaTurf GmbH

Am Stadthafen 9 | D – 45356 Essen

Telefon +49 (0)201 475 778 20

E-Mail info@formaturf.com

www.formaturf.com

