

Installation Manual

FORMATURF TRIONSTEIN

FormaTurf TrionStein used as an Edging Slab with Interlocking Groove



Installation Instructions:

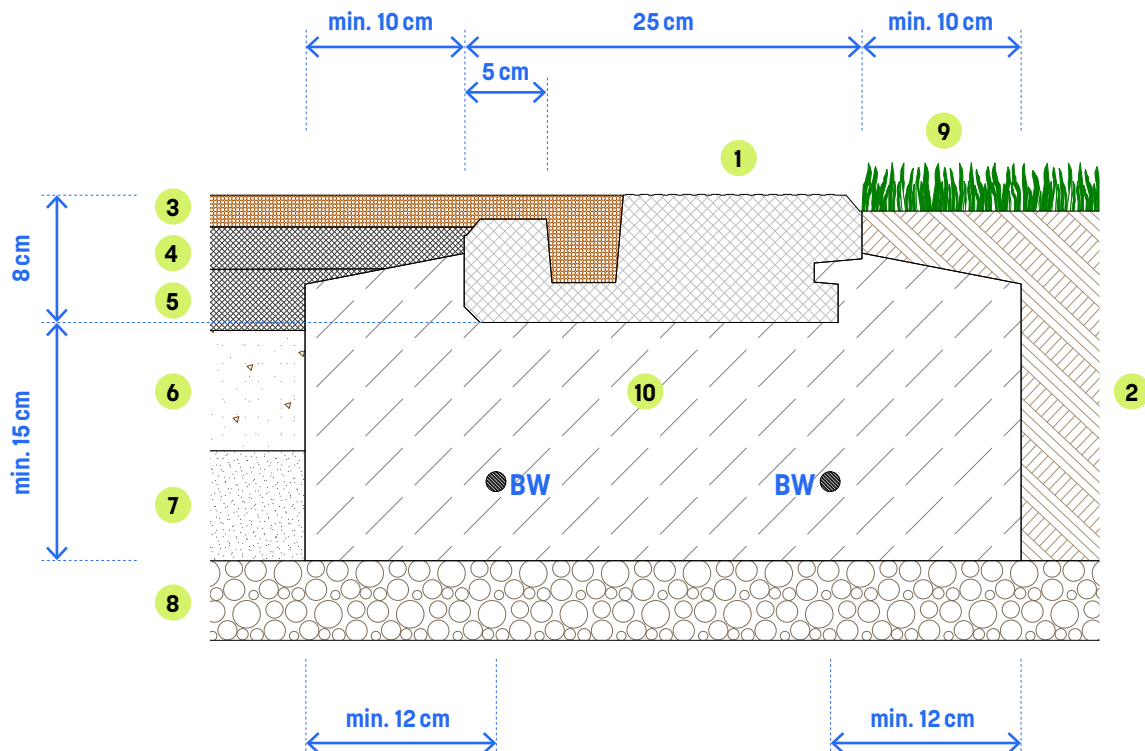
- The TrionStein must be installed in a 15 cm thick bed of C12/15 concrete according to EN 206-1, on a frost-resistant base.
- Press and align the TrionStein firmly into place.
- Provide lateral supports as required.
- The TrionStein must be laid without voids to ensure a permanently secure bond between the TrionStein and the concrete base.
- For areas subject to vehicle traffic, additional reinforcement (BW) must be provided as follows: two steel reinforcing bars, 10 mm diameter B 500 A, with a minimum 50 cm overlap in the longitudinal direction.

Joint Formation:

A 3–5 mm expansion joint must be provided between individual TrionSteins. Additionally, an elastic expansion joint (extending into the foundation) must be integrated every 15–20 m. When installing the elastic base layer, height differences caused by subsequent compaction must be taken into account.



Detail Sketch – Edging Slab



Installation Cross-Section

1 TrionStein	6 Unbound base layer
2 Adjacent topsoil	7 Filter / frost protection layer
3 Synthetic surface	8 Subgrade
4 Upper asphalt layer	9 Vegetation / paved surface
5 Lower asphalt layer	10 Concrete bed

All layers must be constructed in accordance with national building regulations.

Legal Notice:

Failure to comply with the provisions of these installation instructions will result in the loss of warranty or guarantee claims, unless you can demonstrate that non-compliance with one or more provisions of these instructions did not cause a defect.

The specifications regarding the characteristics of the TrionStein given in these installation instructions do not constitute a modification or extension of the warranty or guarantee.

Please also observe any product-specific instructions for products used in conjunction with the installation of the TrionStein.

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