



# Pavement and a Erosion Control system TRI-LOCK

Catalog sheet

Number of sheet : 05

<b>Producer</b>	STAVOBLOCK System, s.r.o. Lezník u Poličky, Czech Republic
<b>Norm</b>	ČSN ISO 9001, PN 012001, CCMS 12833-R, ESR-1235, BBA 04/4148 ESR 4797
<b>Material Using</b>	Vibrated concrete classes of C 16/20 - cement, crushed aggregate, water, pigment and additives load pavement for reinforced areas, access roads and public parking lots by roads, railways. For slopes up to 30° as concealed netting below terrain that creates a flood protection levee. For damming waterways, reinforce the banks of rivers, ponds, streams and dams, for reinforcing the bottoms of waterworks
<b>Description</b>	The Tri-Lock joint pavement can perfectly close up the terrain surface. The pavement is created by a lock and a key and no curbs are required for the installation.

## Technical and building size Tri-Lock

Material: colour concrete

Density: 2100 kg/m<sup>3</sup>

Visual modification: smooth, grooved

Tensile splitting strength according to ČSN EN 1338 Annex F:  
5,77 MPa (interlock), 4,96 MPa (key element)

Frost resistance according to ČSN 73 1322: T25

Water absorption according to ČSN EN 1338, Annex E:  
6,4% (interlock), 6,8% (key element)

Concent natural radionuclide: to 10 Bg/kg

Weight 1 m<sup>2</sup> th. 100 mm: 156 kg, th. 150 mm: 235 kg

Radius deflection system: 1,2 m upwards and downwards

Slope wall of shore: to 80°

Gravel base: for grassing and fortification surfaces no  
for running surface (pavement) yes

### Colours:

Sand, light gray, colorado

### Units of system:

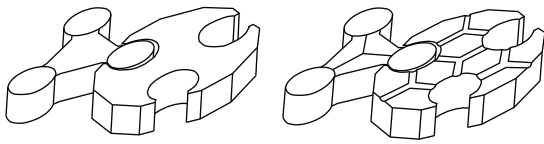
Tri-Lock 100 mm smooth, Tri-Lock 150 mm smooth, Tri-Lock 100 mm grooved, Tri-Lock 150 mm grooved

1 module = key + lock



## Pavement and Erosion system Tri-Lock - accessories

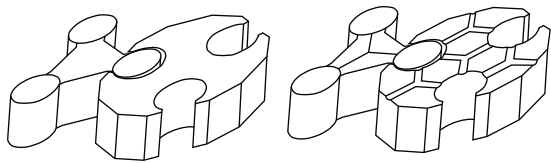
### Tri-Lock 100 mm



Size:  
 key - isosceles triangle with sides 340 mm  
 lock - diameter circle 400 mm  
 height 100 mm  
 Dimensional tolerance:  $\pm 2,0$  mm  
 Visual side: smooth, grooved  
 Open area upper: 30%  
 Open area lower: 20%

Weight: 28 kg  
 Consumption on 1m<sup>2</sup>: 5,6 module  
 Quantity on pallet: 32 modules = 5,8 m<sup>2</sup>  
 Weight pallet with wrapper: 920 kg

### Tri-Lock 150 mm



Size:  
 key - isosceles triangle with sides 340 mm  
 lock - diameter circle 400 mm  
 height 150 mm  
 Dimensional tolerance:  $\pm 2,0$  mm  
 Visual side: smooth, grooved  
 Open area upper: 30%  
 Open area lower: 20%

Weight: 42 kg  
 Consumption on 1m<sup>2</sup>: 5,6 modulu  
 Quantity on pallet: 20 modules = 3,6 m<sup>2</sup>  
 Weight pallet with wrapper: 866 kg

### specification filter geotextile

In case of using a filter geotextile - parameters:

Tensile strength 1.3 kN warp and filling  
 Compressive strength: 3.7 MPa  
 Puncture strength: 0,6 kN  
 Tear strength 0.35 kN  
 Resistance to abrasion 0.2 kN warp and filling  
 Permeability coefficient: 40 l / min / m<sup>2</sup>