

INNOVATING WITH NATURE

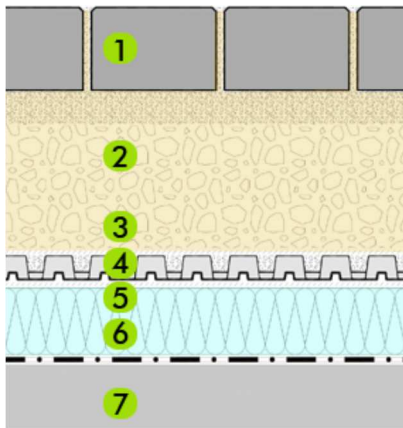
VEHICLE - INVERTED ROOF ASSEMBLY

Turn underground garage roofs into parkland

Rooftops are being used holistically at an ever increasing rate. Nearly everything that can be realized on the ground is now possible on the roofs too, provided that the right technology is used. ZinCo's fully engineered assemblies are designed to create light weight and shallow assemblies that eliminate the potential of membrane penetrations with the added benefit of designed flow rates. ZinCo has a wide variety of heavy duty drainage layers to satisfy specific project needs engineered for water retention, drainage flow rates and compressive strength. These assure the continuance of the roof function and cater for horizontal forces generated by accelerating, braking and steering.

STABILODRAIN SD30

ZinCo Stabilodrain SD30 is an extremely stable, high pressure resistant drainage element that is quick and easy to install with its lateral, special shaped connecting profiles. It is specifically designed for inverted roofs, where it is essential to avoid creating a vapor barrier above the XPS insulation.



1. Hard Surfacing
2. Bedding Material
Depth: ≥ 150 mm
3. ZinCo Filter Sheet TG
4. ZinCo Stabilodrain® SD30
5. Diffusion membrane ZinCo TGV21
6. XPS Rigid Insulation
7. Roof Construction with Water proofing Membrane



Features:

- Specific for inverted roofs.
- Allows insulation to dry out
- Can be combined with planting and landscape elements.
- Easy Installation.
- Solid base for parking decks and fire truck roof access.
- Withstand vehicular traffic.

Slope: 2 - 5 degrees
Saturated weight: ≥ 350 kg/m² (72 psf)
Height: ≥ 280 mm (11")

ZinCo Canada Inc.

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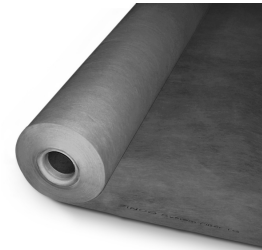
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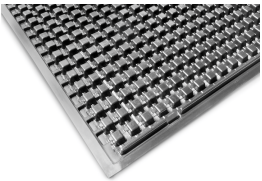
Bedding Material - Granular A / Screenings

Product	Art. Nr.	Size of Delivery
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ZinCo filter sheet TG made of non-rotting thermally consolidated polypropylene & polyethylene. High pressure resistance. Used in combination with Elastodrain, Protectodrain and Stabilodrain. Water flow rate: 60 l/(m2s) if there is a water column of 100 mm. Apparent opening size: $d_{90}\% = 130 \mu\text{m}$. Weight: 190 g/m².

Product	Art. Nr.	Size of Delivery
Filter Sheet TG	2190	Approx. 2.25 m x 100.00 m roll
Filter Sheet TG	2191	Approx. 1.12 m x 100.00 m roll



ZinCo Heavy duty drainage and water retaining element Stabilodrain SD30 for intensive roof gardens and parking decks. Made of polystyrol. Developed for Inverted roofs. Extremely Stable. Max compressive strength > 500 kN/m². Including edge connector. Weight: 3 kg/m². Height: 32 mm.

Product	Art. Nr.	Size of Delivery
SD30	3330	0.95 x 2.00 m



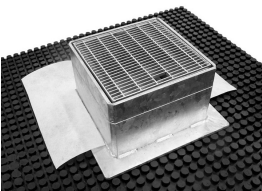
ZinCo scrim sheet TGV 21 made of thermal consolidated polypropylene. Designed as a breathable separation sheet between the rigid insulation and the green roof system on inverted roofs. Bitumen resistant - Biologically and chemically neutral. Vapor opening size $S_d < 0,01 \text{ m}$ Thickness: 0,55 mm. Weight: 80 g/m².

Product	Art. Nr.	Size of Delivery
TGV21	2180	Approx. 1.60 m x 250.00 m roll
TGV21	2185	Approx. 1.60 m x 50.00 m roll



ZinCo root barrier WSB 100-PO made of flexible polyolefin (FPO), polyester scrim reinforced, resistant to bitumen, flexible at low temperatures, root resistance tested according to the German FLL method of 2002.- Hot Air Weldable - UV-stabilized - Cold-applied. Thickness: 1.10 mm. Weight: 1.13 kg/m². TO BE USED UNDERNEATH PLANTINGS

Product	Art. Nr.	Size of Delivery
WSB 100-PO	1084	Approx. 2.44 m x 30.50 m roll



ZinCo heavy duty inspection chamber BES made of galvanized steel. Designed for vehicular traffic. Chamber size: 30 cm x 30 cm. Flange size: 40 cm x 40 cm. Including grill (mesh size 11 mm x 41 mm) and sand catcher. Weight: approx. 30 kg.

Product	Art. Nr.	Size of Delivery
BES 125 (height 125 mm)	4812	Piece
BES 200 (height 200 mm)	4820	Piece
BES 300 (height 300 mm)	4830	Piece
BES extension ring 25 mm	4825	Piece

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