

# INNOVATING WITH NATURE

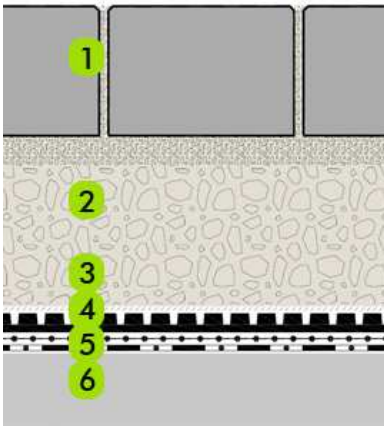
## VEHICLE - CONVENTIONAL ROOF ASSEMBLY

Turn underground garage roofs into parkland

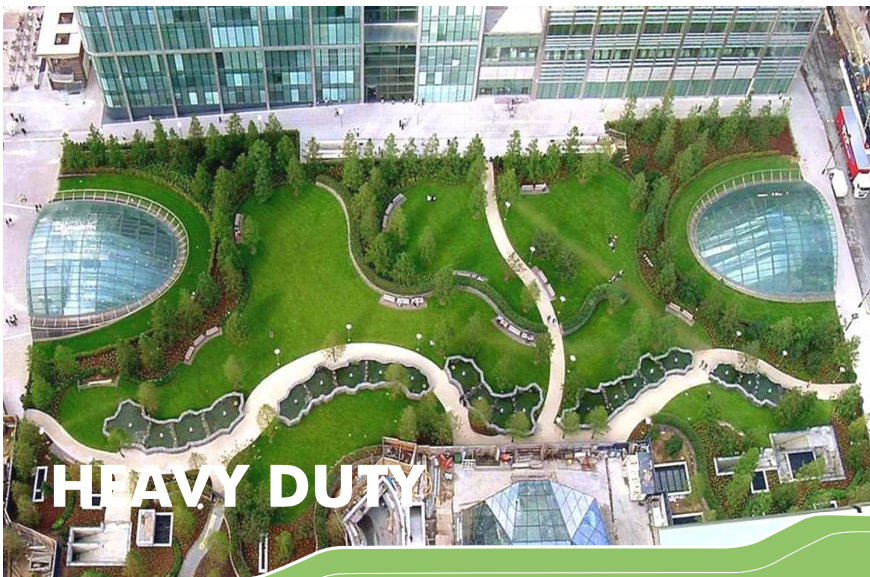
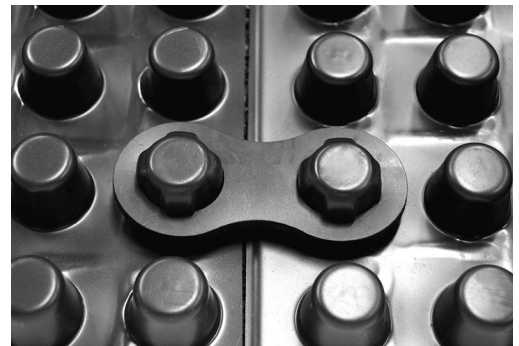
Rooftops are being used holistically at an ever increasing rate. Nearly everything that can be realized on the ground is now possible on the roofs too, provided that the right technology is used. ZinCo's fully engineered assemblies are designed to create light weight and shallow assemblies that eliminate 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.

### PROTECTODRAIN PD250

ZinCo Protectodrain PD250 is designed to withstand heavy loads and dynamic forces and are useful for a variety of walkways and driveways. Numerous possibilities exist and include anything from car parks and fire access roads to reinforced lawn and stone paving.



1. Hard Surfacing
2. Bedding Material  
Depth:  $\geq 150$  mm
3. ZinCo Filter Sheet TG
4. ZinCo Protectodrain ® PD250
5. Slip Sheet ZinCo TGF20
6. Roof Construction with Water proofing Membrane



### Features:

- Specific for conventional roofs.
- Protective layer for waterproofing,
- 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:  $\geq 350$  kg/m<sup>2</sup> (72 psf)  
Height:  $\geq 280$  mm (11")

#### ZinCo Canada Inc.

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## VEHICLE - INVERTED ROOF ASSEMBLY

Turn underground garage roofs into parkland



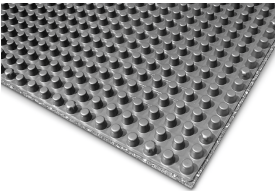
Bedding Material - Granular A / Screenings

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/m<sup>2</sup>.

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



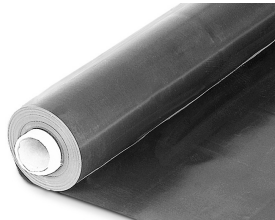
ZinCo heavy duty drainage and protection element **Protectodrain® PD 250** for parking decks. Made of ABS plastic with attached rubber protection mat and lateral step joint. Resistant to heavy loads and spade damage. Compressive strength at 10% compression: approx. 250 kN/m<sup>2</sup>. Weight: approx. 5 kg/m<sup>2</sup>. Height: 25 mm. Stud height: 20mm.

Product	Art. Nr.	Size of Delivery
PD250	3250	Approx 1.00 x 2.00 m elements
Connector	3251	Box of 100 pieces



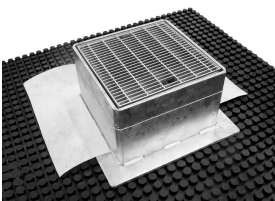
Heavy duty drainage and protection mat **ZinCo Fixodraive FX50** for intensive roof gardens and parking decks. Made of polypropylene with attached filter sheet. Max compressive strength > 500 kN/m<sup>2</sup>. Weight: approx. 1.5 kg/m<sup>2</sup>. Height: 20 mm. Minimum bedding material height: 150 mm.

Product	Art. Nr.	Size of Delivery
FX50	3150	Approx. 1.00 m x 15.00 m roll



Separation and slip sheet **ZinCo TGF 20** made of high density polyethylene sheet for intensive green roofs, walkways and driveways. Designed to separate the heavy duty drainage elements from the waterproofing membrane. Bitumen and polystyrol resistant - Without plasticizer - UV-stabilized. Thickness: 0.20 mm. Weight approx. 190 g/m<sup>2</sup>.

Product	Art. Nr.	Size of Delivery
TGF 20	1020	Approx. 8.00 m x 25.00 m roll
TGF 20	1022	Approx. 3.00 m x 33.50 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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