

INNOVATING WITH NATURE

Sedum Roof

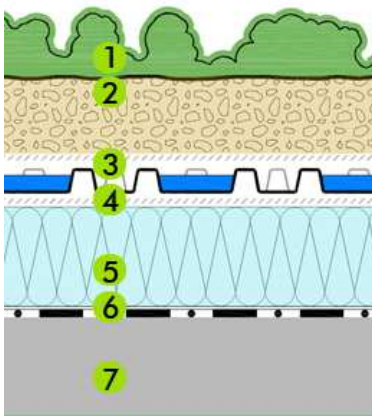
The economic and attractive way of green roofing

With a plant palette consisting of hardy drought tolerant sedum species this is the green roof system with low cost, simple installation, light weight and low maintenance requirements. Colourful and long lasting, a green roof system with the perfect mix of low cost and durability.

FIXODRAIN XD20

The Fixodrain offers an economically attractive alternative without sacrificing quality. The Fixodrain XD 20 offer drainage, water retention and attached filter sheet for ease of installation. Fixodrain comes in rolls with interlocking side connectors for a fast continuous installation and is available for larger roof areas.

Assembly:



1. Plant Material (Sedum)
2. Growing Medium ZinCoblend E
Depth 60-80 mm.
3. ZinCo Fixodrain ® XD20
4. Diffusion Membrane ZinCo TGV21
5. XPS Insulation
6. ZinCo Root Barrier WSF40
7. Roof Construction with
Waterproofing Membrane



Fixodrain ® XD 20

Planting Options:



Plug Plants

Pre-grown vegetation mat

Features:

- Compact and light weight
- Minimum maintenance
- No irrigation
- Planting: low growing sedum
- Easy installation
- Economical and attractive

Slope: 2-5 degrees
Saturated weight: 102 kg/m² (21 psf)
Height: 80-100 mm (3"-5")
Retention capacity: 37 - 44 L/m²



COST EFFECTIVE

ZinCo Canada Inc.

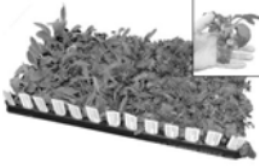
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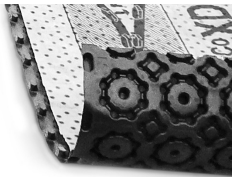
Special plants for extensive green roofs. Available species: Sedums. For information about plant lists and availability please contact us at: 905-690-1661 or e-mail: greenroof@zinco.ca

Product	Art. Nr.	Size of Delivery
Sedum Cuttings	8300	Per pound
Plug plants tray of 50	8200	Plug
Plug plants tray of 72	8220	Plug
Pre-grown vegetation mat	8100	Approx. 1,0 x 2,00 m mats



Growing medium for extensive Green Roofs ZinCoblend –E are produced using recycled materials and minerals, enriched with high quality compost elements, resistant to flying sparks, frost-resistant, stable structure. Special engineered by ZinCo Canada and meets the FLL-standards for Planning, Execution and Upkeep of Green Roof sites.

Product	Art. Nr.	Size of Delivery
ZinCoblend-E - Bulk	6110	Per cubic meter
ZinCoblend-E - Big Bag	6120	Per cubic meter



ZinCo drainage, water retaining and protection element Fixodrain ® XD 20 for large scale extensive Green Roofs. Made of polypropylene with attached filter sheet. Max. compressive strength > 50 kN/m². Water storage capacity: 3 l/m². Weight: approx. 1.0 kg/m². Height: 20 mm.

Product	Art. Nr.	Size of Delivery
Fixodrain® XD 20	3021	Approx. 1,00 x 20,00 m roll (incl. Filter Sheet)



TO BE USED FOR INVERTED ROOFS

Air and vapour permeable membrane **ZinCo diffusion membrane TGV21** made of thermal consolidated Polypropylene. Bitumen resistant – Biologically and Chemically neutral. Vapour opening size $S_d \leq 0,01 \text{ m}$ Thickness: 0,55 mm. Weight: 80 g/m².

Product	Art. Nr.	Size of Delivery
TGV21	2180	Approx. 1,60 x 250,00 m roll
TGV21	2185	Approx. 1.60 x 50 m roll



TO BE USED FOR CONVENTIONAL ROOFS

ZinCo separation and protection mat TSM 32 made of recycled non-rotting polyester fibers for water- and nutrient retention as well as a protection layer. Thickness: 3 mm. Weight approx. 320 g/m². Water retention capacity: 3 L/m². Bitumen resistant - Biologically and chemically neutral - Heat resistant.

Product	Art. Nr.	Size of Delivery
TSM32	2032	Approx. 2.00 m x 50.00 m roll
TSM32	42035	Approx. 2.00 m x 10.00 m roll



ZinCo root barrier WSF 40 (Optional item if non root-resistant waterproofing used.) made of high density polyethylene for extensive Green Roofs - Bitumen and polystyrol resistant - Without plasticizer - tear-proof - UV-stabilized. Thickness: 0,40 mm. Weight: 380 g/m²

Product	Art. Nr.	Size of Delivery
WSF 40	1040	Approx. 8.00 m x 25.00 m roll
WSF 40	1041	Approx. 6.25 m x 20.00 m roll
WSF 40	1043	Approx. 2.00 m x 50.00 m roll
WSF 40	1044	Approx. 3.00 m x 33.50 m roll
WSF 40	41040	Approx. 6.25 m x 3.20 m sheet

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Plant Suggestions:

Name:	Height:	Colour:	Zone:	Flower:
1. Sedum album	150 mm	green	4	white
2. Sedum album "Coral Carpet"	50 mm	green/red	4	white
3. Sedum album "Murale"	50 mm	green	4	white
4. Sedum floriferum "Weihenstephaner Gold"	100 mm	green	3	yellow
5. Sedum hybridum "Immergrunchen"	150 mm	red/green	4	yellow
6. Sedum hybridum "Czar's Gold"	150 mm	green	3	yellow
7. Sedum kamschaticum	100 mm	green	4	yellow
8. Sedum reflexum	150 mm	green/gray	3	yellow
9. Sedum rupestre "Angelina"	120 mm	yellow	4	yellow
10. Sedum rupestre "Blue Spruce"	150 mm	blue/gray	3	yellow
11. Sedum rupestre "Green Spruce"	150 mm	green	3	yellow
12. Sedum sexangular	100 mm	green	4	yellow
13. Sedum spurium album	150 mm	green	4	white
14. Sedum spurium "Fuldaglut"	150 mm	green/red	3	red
15. Sedum spurium "John Creech"	100 mm	green	3	pink
16. Sedum spurium "Roseum"	150 mm	green	4	pink
17. Sedum spurium "Voodoo"	100 mm	red	4	red

