



ZinCo Press Release

Particularly suitable for expansive areas

Green roof with Fixodrain[®] XD 20

The larger the roof area, the greater the pressure on your budget. For this reason, ZinCo has created a single product that incorporates a number of the functional layers found in a green roof build-up.

Supplied in rolls and with the filter sheet already attached, Fixodrain[®] XD 20 offers a protective, drainage, water retaining and ventilation layer in one. The system build-up with Fixodrain[®] XD 20 is particularly suitable for the expansive area of an extensive green roof – and even for inverted roofs.

The Fixodrain[®] XD 20 rolls can be applied directly onto the roof membrane without the need for an additional protective mat, thanks to the large installation area and the large contact area. The elements are attached to each other lengthwise with interlocking studs, providing an unbroken protection layer for the roof membrane.

The 2 cm high Fixodrain[®] elements made of deep-draw polyolefin have integrated troughs on the upper side that ensure that sufficient water is retained there without it building up in the substrate. At the same time, a network of channels between the water retention troughs guarantees a drainage flow certified to DIN EN ISO 12958 standard. And, thanks to the diffusion openings and the small channels on the underside, the Fixodrain[®] elements can also be used on inverted roofs.



ZinCo Press Release

The filter sheet, already attached and overlapping along the side and top edges, creates a sealed surface. This prevents fine particle penetration from the overlying substrate layer and provides the ventilation necessary in the root area.

Given this sophisticated multi-layer design, a substrate depth of only 6 cm is required, meaning that the overall system build-up is only 8 cm in depth but has a water retention capacity of 20 l/m². The concluding vegetation layer with drought-resistant sedum species, can consist of plants, or dry or wet seeding. The substrate depth can, of course, be increased either in part or right across the area if a more lush vegetation is required.

The system build-up “Sedum Carpet” with Fixodrain® XD 20 is known for its very efficient and time-saving installation – a cost effective **and** permanently reliable alternative for roof areas, for example combined with solar energy systems. This has already been proven with many buildings.

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For further information please contact:

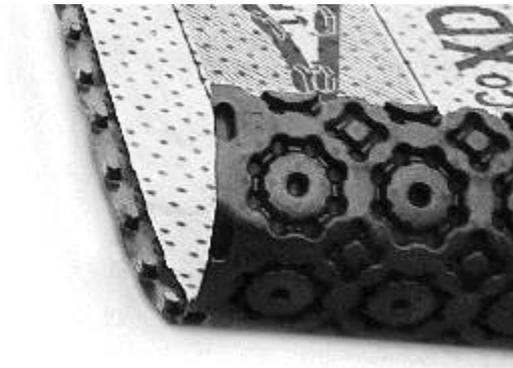
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Photos

Please include the source reference "ZinCo" if using for publication.



File name: Fixodrain.jpg

Caption:

With Fixodrain® XD 20, the protection, drainage and water retention layers are installed all in one go – including European Technical Approval.



File name: Fixodrain XD 20_Verbindung.jpg

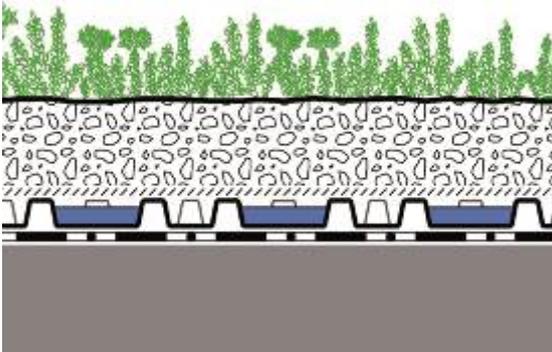
Caption:

A continuous protective layer is created due to the interlocking studs along the sides of the Fixodrain XD 20 rolls.



Life on Roofs

ZinCo Press Release



File name: SysST_Ext_XD20_Fd1.jpg

Caption:
System build-up "Sedum Carpet" with
Fixodrain® XD 20

Vegetation layer "Sedum Carpet"
Zincoterre® "Sedum Carpet"
Fixodrain® XD 20
Roof build-up with root-resistant waterproof
membrane



File name: Schwäbisch Gmünd3.jpg

Caption:
Thanks to the pre-attached filter sheet, Fixodrain®
XD 20 is easy to install – as can be seen in this
photo of the roof of the Schönblick convalescent
home in Schwäbisch Gmünd in Germany.



File name: DSC_0439.jpg

Caption:
1,100 m² of Sedum vegetation with Fixodrain®
XD 20 adorn the office and administration
building of the German Air Rescue Service at
Stuttgart Airport in Germany.



Life on Roofs

ZinCo Press Release



File name: 100_0602_a.jpg

Caption:

Fixodrain® XD 20 is just the right foundation for combining green and solar – and it provides for drainage across the entire area beneath the solar energy system.



File name: DSC_1885.jpg

Caption:

Intended for extensive roof areas: 18,500 m² of Fixodrain® XD 20 in combination with solar energy elements on the roof of the InCenter retail park in Landsberg/Lech in Germany.