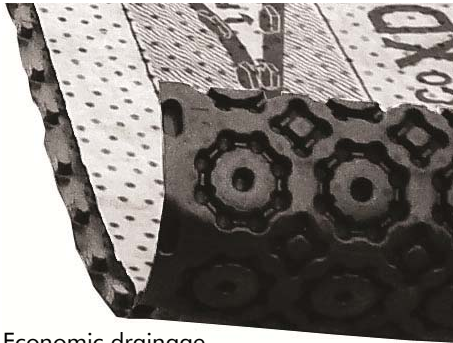
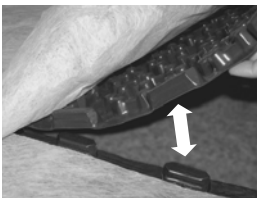


Product Data Sheet

Fixodrain® XD 20



Economic drainage, water retention and protection mat for use as an alternative to single layered extensive green roof build-ups.



Interlocking studs along the sheet's edge

Technical Data

EDP No. 3021

Fixodrain® XD 20

Drainage, water retention and protection mat made of recycled polyolefin with attached filter sheet, openings for diffusion, connecting lengthwise on interlocking studs.

Material:	Polyolefin, mainly PE (REC)	
Color:	black / grey	
Height:	ca. 0.8 in.	(ca. 20 mm)
Weight:	ca. 0.2 lbs/sq. ft.	(ca. 1.0 kg/m ²)
Compressive strength at 10 % compression:	ca. 7.25 psi	(ca. 50 kN/m ²)
Water retention capacity:	ca. 0.07 gal/sq. ft.	(ca. 3 l/m ²)
Flow rate Q under 4 inch (100 mm) water column:	ca. 103 gpm/sq. ft.	(ca. 70 l/(m ² ·s))
In-plane Water Flow Rate:		
- roof slope 1 %:	ca. 1.7 gpm/ft.	(ca. 0.36 l/(s·m))
- roof slope 2 %:	ca. 2.6 gpm/ft.	(ca. 0.53 l/(s·m))
- roof slope 3 %:	ca. 3.1 gpm/ft.	(ca. 0.65 l/(s·m))
- roof slope 10 %:	ca. 6.1 gpm/ft.	(ca. 1.27 l/(s·m))
Dimensions:	ca. 3.3 ft. x 65.6 ft.	(ca. 1.00 m x 20.00 m)

Features

- quick and easy installation
- due to interlocking studs, therefore on the roof surface itself no further protection layer (along the parapets e.g. the Protection Mat Strips SM-R can be applied)
- tested and proven drainage capacity
- water retention within the element
- 100% recyclable
- also suitable for inverted roofs

Installation Instructions

Install the Drainage Mat Fixodrain® XD 20 on the roof resistant and waterproof roof construction. The Fixodrain® XD 20 mats are to be connected by interlocking studs lengthwise. Cut the Fixodrain® XD 20 mat in situ at roof penetrations. Ensure that pre-attached filter sheet overlaps completely at joints. Consider ca. 3 % allowance for wastage. Fixodrain® XD 20 is, included,

but not limited to, to be installed according to manufacturer's instructions, not exposed to UV-light, completely covered. Call manufacturer for further options. Note: At roof edge and upstands the waterproofing has to be protected by a protection layer which has to be taken up above the finished surface in accordance with guidelines.

Health and Safety

This product does not require a material safety data sheet (MSDS) according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). When used as recommended or under ordinary

conditions, it should not present a health and safety hazard. However, an MSDS can be provided as a courtesy in response to a customer request.