



Xero Flor XF157 Retention Fleece – Product Information

Application

The XF157 Retention Fleece serves as both a water-holding capillary mat and filter-fabric component of the Xero Flor green roof system. The XF157 Retention Fleece layer allows storage and lateral wicking of rain or irrigation water for improved water storage and re-use by the vegetated layers. During installation, unrolled fleece should be secured with temporary ballast or by wetting and overlay with XeroTerra growing medium and/or Xero Flor vegetation mats.

Product Description

The XF157 Retention Fleece is a multicolored, needled fleece fabric delivered as end-tied poly-bagged rolls for shipping and transport. The XF157 Retention Fleece is composed of 100% post-consumer recycled polyester and polypropylene with trace content of other synthetic polymers.

Dimensions

XF157	Fleece per Roll					Unit Roll		
Type	Thickness	Weight	Width	Length	Area	Ø	Length	Gross Weight
Unit	in	oz/yd ²	in	ft	ft ²	in	in	lb
	0.32	30	65	66	357.5	20	65	73

Properties

Test	ASTM	Unit	Mean Value
Mass per unit area	D3776	oz/yd ²	30
Thickness	D1777-96	in	0.32
Tensile strength MD (Warp, WMD)	D5034	lbs/in	92
Tensile strength CD (Fill, AMD)	D5034	lbs/in	97
Water retention	--	gal/ft ²	0.19