

FIBRANfilter SF32

High mechanical properties / high rate infiltration / high chemical resistance / no water retention

Technical Data Sheet / October 2023



0751

Material

PP

Applications

FIBRANfilter SF-32 is a high-quality PP geotextile membrane, with a very high potential of water drainage and minimum water absorption. It is produced according to EN 13249:2005, EN 13250:2005, EN 13251:2005, EN 13252:2005, EN 13253:2005, EN 13254:2005, EN 13255:2005, EN 13256:2005, EN 13257:2005 and EN 13265:2002.

FIBRANfilter SF-32 is suitable for applications at inverted flat roofs and green roofs, at all types of buildings and constructions, including earthworks and basements. It combines high mechanical properties, high air infiltration potential, high chemical resistance and minimum/zero water absorption.

It is used as a separation & protection layer and can be mechanically fixed or simply laid, depending on the type of application.

Technical characteristics

Property	Method	Units	Performance
Width / Length per roll	-	m	2.10 x 150
Tensile Strength T_{max}	EN ISO 10319	kN/m	MD 7.0 (- 0.9)
Dynamic Perforation Resistance D_c	EN ISO 13433	mm	35 (+ 7)
Resistance to Static Puncture F_p	EN ISO 12236	kN	1.00 (- 0.10)
Opening Size O_{90}	EN ISO 12956	µm	140 (+/- 42)
Water Permeability V_{H50}	EN ISO 11058	m/s	$70 \cdot 10^{-3}$ (- $21 \cdot 10^{-3}$)
Durability in accordance with Annex B	To be covered within 2 weeks after installation. Predicted to be durable for 100 years in natural soils with $4 < \text{pH} < 9$ and soil temperatures $< 25^\circ\text{C}$ on the basis of the results of test method B.4.2.2 (112 days) of Annex B.		



FIBRAN S.A

6th km Thessaloniki - Oreokastro Rd.
P.O. Box 40306, A.C. 564 10
Thessaloniki, Greece
Tel. +30 2310 682 425. 692 700
Fax. +30 2310 683 131

info@fibran.gr
www.fibran.gr

Some test methods are modified according to the EN 13859-2:2014 and/or according to the FIBRAN ISO 9001:2008 certified quality system (for details please contact your regional FIBRAN representative). All values are based on roll average. This information corresponds to our current knowledge on the subject. It is offered in accordance with REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC. It is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for any application other than the application as specified herein. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, FIBRAN makes no warranties and assumes no liabilities in connection with any use of this information for applications other than the application as specified herein. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right. Product safety information is available on request. This data sheet is a printed document and is valid without signature.