



ChovA
SISTEMAS DE IMPERMEABILIZACIÓN
Y AISLAMIENTO

GEOFIM

SEPARATING AND FILTERING GEOTEXTILE

TECHNICAL SHEET Nº **82016G** – REV. **02/22** – 24/03/2022
THIS VERSION CANCELS ALL THE PREVIOUS

COMPLETE INFORMATION ABOUT: GEOFIM



See “Declaración de Prestaciones – DoP” in: **DoP_I_82016G_GEOFIM_v01**

ASFALTOS CHOVA, S.A.

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CE marking according to standards: EN 13249:2016; EN 13250:2016; EN 13251:2016; EN 13252:2016; EN 13253:2016; EN 13254:2016; EN 13255:2016; EN 13256:2016; EN 13257:2016; EN 13265:2016

Description of the separating and filtering geotextile:

Polyester fiber geotextile, for application in construction. Geotextile of 100% polyester fibers of the non-woven type and mechanically punched by needling, for its application in building and civil works.

Intended uses:

Protection (P) → GEOFIM 150/200/250/300/400/500. CE marking according to CPR: 0099/CPR/A42/0139

Filtering and Separation (F+S) → GEOFIM 120/150/200/250/300/400/500. CE marking according to CPR: 0099/CPR/A42/0140


Filtering (F) → GEOFIM 120/150/200/250/300/400/500. CE marking according to CPR: 0099/CPR/A42/0141

Filtering, Separation and Drainage (F+S+D) → GEOFIM 120/150/200/250/300/400/500. CE marking according to CPR: 0099/CPR/A42/0142

TECHNICAL CHARACTERISTICS

GEOFIM	STANDARD	UNIT (Tolerance)	VALUE (Type)						
			120	150	200	250	300	400	500
Tensile strength:	EN 10319	KN/m	1,45(-0,5)	1,55(-0,5)	2,82(-1,1)	2,82(-1,1)	4,60(-1,7)	8,67(-3,5)	11,0(-3,5)
L:			1,59(-0,6)	1,80(-0,6)	2,11(-0,6)	3,83(-0,6)	4,85(-2,1)	9,76(-3,5)	11,5(-3,5)
Elongation:		% (± 20)	50	70	50	50	85	90	50
T:			60	70	70	70	60	100	70
Static punching resistance:	EN 12236	kN	0,3(-0,15)	0,43(-0,15)	0,52(-0,15)	0,65(-0,15)	0,9(-0,45)	0,9(-0,45)	1,75(-0,85)
Dynamic drilling. (Con drop)	EN ISO 13433	mm	50(+0)	40(+10)	40(+5)	40(+5)	23,8(+5)	23,8(+5)	22,4(+2)
Characteristic opening measure, O₉₀:	EN 12956	µm (± 20)	90	85	70	70	60	55	50
Water permeability:	EN 12958	l/m ² s (-20)	173,45	126,85	110,01	150,35	100,79	63,56	55,01
Water flow capacity in the plane		m ² /s	3,33*10 ⁻⁶ (-0,5*10 ⁻⁶)	3,89*10 ⁻⁶ (-0,5*10 ⁻⁶)	4,26*10 ⁻⁶ (-0,5*10 ⁻⁶)	6,48*10 ⁻⁶ (-0)	8,33*10 ⁻⁶ (-0,5*10 ⁻⁶)	6,12*10 ⁻⁶ (-0,75*10 ⁻⁶)	7,39*10 ⁻⁶ (-0,5*10 ⁻⁶)
Protection effectiveness	EN 13719	KN/m ²	PND	11,11*10 ³ (-0,3*10 ³)	14,29*10 ³ (-0,3*10 ³)	13,60*10 ³ (-2,5*10 ³)	16,67*10 ³ (-0,3*10 ³)	15,10*10 ³ (-0,25*10 ³)	20*10 ³ (-0,3*10 ³)
Durability		Years	>5 natural soil 4<Ph<9; T<25°C	≥25 natural soil 4<Ph<9; T<25°C	≥25 natural soil 4<Ph<9; T<25°C	≥25 natural soil 4<Ph<9; T<25°C	≥25 natural soil 4<Ph<9; T<25°C	≥25 natural soil 4<Ph<9; T<25°C	≥25 natural soil 4<Ph<9; T<25°C
Weather resistance		Days	To be coated the same day of installation	14	14	14	14	14	14

PND → Performance Not Determined

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OTHER TECHNICAL CHARACTERISTICS OF THE PRODUCT

Grammage (UNE EN 964) - Surface mass	g/m ²	120	150	150 RHB	200	250	300	400	500 (*)
Thickness under load 2kPa	mm	1,39	1,49	1,49	1,84	2,03	2,42	2,43	2,72
Roll width	m	2,2	2,2	1,0	2,2	5,3	2,2	2,2	2,2
Roll length	m	150	125	50	100	75	75	60	60

(*) Product on request

OTHER LOGISTICAL INFORMATION

PRODUCT	CODE	m ² COIL	COIL/PALLET
GEOFIM 120	82016G	330 m ² /coil	9
GEOFIM 150	82021G	275 m ² /coil	9
GEOFIM 150 RHB	82022G	50 m ² /coil	18
GEOFIM 200	82030G	220 m ² /coil	9
GEOFIM 250	82046G	210 m ² /coil	9
GEOFIM 300	82050G	165 m ² /coil	9
GEOFIM 400	82065G	397,5 m ² /coil	9
GEOFIM 500	82070G	132 m ² /coil	9

Store GEOFIM in its original packaging and protected from the elements until installation. Avoid any action, once the geotextile is installed, that may cause breakage or displacement of it.



DESCRIPTION

Geotextile formed by non-woven polyester filaments, mechanically joined by needling, to be used as a separating, filtering, retaining, anti-puncture layer, etc.

Resistant to aging. It is not affected by exposure to water or microorganisms. Good mechanical resistance. As a separator, protector, etc. Good filtration capacity. Good behaviour against chemicals or soil. Apply with a single overlap of 10 to 15 cm (approximately). Geotextiles are not products that contain dangerous components. More information in the Geotextile Safety Data Sheet GEOFIM.

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The information provided corresponds to data provided by the supplier. This product will maintain these characteristics on average. ChovA, S.A. reserves the right to modify or cancel any parameter without prior notice. The guarantee of ChovA S. A. is limited to the quality of the product. Regarding the commissioning, in which we do not participate, the requirements of the execution of the work must also be met. This data sheet will be annulled by subsequent revisions and, in case of doubt, request the latest revision.