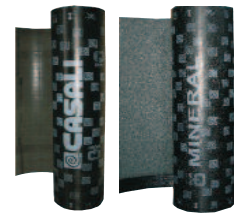


EXTENSA FIL

SBS

Enduring Quality



PROJECT SPECIFICATIONS: elastomer membrane with a high content of SBS rubbers perfect for all multi-layer solutions protected from UV rays, in the case of roofing in very cold areas and/or areas subject to very extreme temperature fluctuations and high-intensity mechanical actions: roofs subject to micro-settlements, vibrations, cyclic thermal-mechanical expansion and actions in cement, metal or wooden structures, even in the case of thick insulation and underground waterproofing (foundations, retaining walls, heavy under-slabs etc.).

REINFORCEMENTS: a select range of TNT polyester characterised by high mechanical properties and excellent dimensional stability.

FINISHES: sand, mineral self-protection in different colours.

PLUS: excellent adhesion on horizontal and vertical decks, high flexibility at low temperatures, a wide thermal operating range (-20°C/+110°C), high mechanical strength, fast and easy laying.

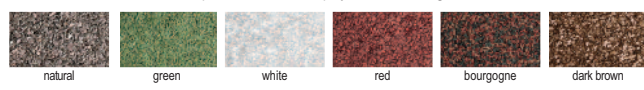


EXTENSA FIL	STANDARD	U.M.	EXTENSA FIL 30200 - 40200	EXTENSA FIL 40160	EXTENSA FIL 40180	EXTENSA FIL 40200 45200 - 50200	EXTENSA FIL 4 mm - 5 mm	EXTENSA FIL 4 mm - 5 mm	EXTENSA F.O.
Finishing	-	-	SAND	SAND	SAND	MINERAL	MINERAL	MINERAL	MINERAL
Reinforcement type	-	-	SP POL	SP POL	HSP POL	SP POL	SP POL	HSP POL	SP POL
Thickness	EN 1849 - 1	mm	3 / 4	4	4	-	4* / 5*	4* / 5*	-
Weight	EN 1849 - 1	kg	-	-	-	4 / 4,5 / 5	-	-	4,5
Maximum Tensile Force LONGITUDINAL / TRASVERSAL	EN 12311-1	N/5cm	600 / 500	700 / 600	850 / 650	600 / 500	700 / 600	850 / 650	700 / 600
Elongation at break LONGITUDINAL / TRASVERSAL	EN 12311-1	%	40 / 40	40 / 40	40 / 40	40 / 40	40 / 40	40 / 40	40 / 40
Tearing resistance LONGITUDINAL / TRASVERSAL	EN 12310 - 1	N	150 / 150	150 / 150	170 / 170	150 / 150	150 / 150	170 / 170	150 / 150
Flow resistance at elevated temperature	EN 1110	°C	110	110	110	110	110	110	110
Flexibility at low temperature	EN 1109	°C	-20	-20	-20	-20	-20	-20	-20
Dimensional stability	EN 1107-1	%	±0,3%	±0,3%	±0,2%	±0,3%	±0,3%	±0,2%	±0,3%
External fire performance	EN 13501-5	Class	F roof	F roof	F roof	F roof	F roof	F roof	B roof (t2)

* THICKNESS MEASURED INCLUDING MINERAL FINISHING

Reinforcement - POL: standard performance stabilized non woven polyester / **SP POL:** medium performance stabilized non woven polyester / **HSP POL:** high performance stabilized non woven polyester / **GS POL:** special performance stabilized non woven polyester for great structure / **GLASS FIBRE:** fibre glass mat reinforced with threads / **ALL + POL:** aluminium foil coupled with non woven polyester - **Finishing - MINERAL:** slated / **SAND:** sanded / **PBS:** Polyethylene on both sides.

Slated Self Protection available for Extensa Fil
Other finishing, on request. For finishing details refer to pg. 34



rev 01/2017