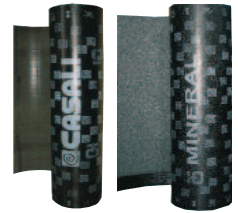


# EXTENSA/EXTENSA FLEX

**SBS**

Enduring Quality



**PROJECT SPECIFICATIONS:** elastomer membrane with a high content of SBS rubbers perfect for all single and 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, bridges and large structures, 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:** immediate adhesion on horizontal and vertical decks, high flexibility at low temperatures, a wide thermal operating range (-30°C/+125°C), high mechanical strength, fast and easy laying.



EXTENSA / EXTENSA-FLEX	STANDARD	U.M.	EXTENSA 40180 - 50180	EXTENSA 40250 - 50250	EXTENSA 45180 - 50180	EXTENSA 50250	EXTENSA FLEX 30160 - 40160	EXTENSA FLEX 40180 - 50180	EXTENSA FLEX 4 mm - 5 mm
Finishing	-	-	SAND	SAND	MINERAL	MINERAL	SAND	SAND	MINERAL
Reinforcement type	-	-	HSP POL	GS POL	HSP POL	GS POL	SP POL	HSP POL	HSP POL
Thickness	EN 1849 - 1	mm	4 / 5	4 / 5		5*	3 / 4	4 / 5	4* / 5*
Weight	EN 1849 - 1	kg	4 / 5	4 / 5	4,5 / 5	5,2	-	-	-
Maximum Tensile Force LONGITUDINAL / TRASVERSAL	EN 12311-1	N/5cm	900 / 700	1200 / 900	900 / 700	1200 / 900	700 / 600	850 / 650	850 / 650
Elongation at break LONGITUDINAL / TRASVERSAL	EN 12311-1	%	45 / 45	50 / 50	45 / 45	50 / 50	40 / 40	40 / 40	40 / 40
Tearing resistance LONGITUDINAL / TRASVERSAL	EN 12310 - 1	N	200 / 200	220 / 240	200 / 200	220 / 240	150 / 150	170 / 170	170 / 170
Flow resistance at elevated temperature	EN 1110	°C	125	125	125	125	120	120	120
Flexibility at low temperature	EN 1109	°C	-30	-30	-30	-30	-25	-25	-25
Dimensional stability	EN 1107-1	%	±0,2%	±0,2%	±0,2%	±0,2%	±0,3%	±0,2%	±0,2%
Thermal ageing in air VARIATION OF LOW TEMPERATURE FLEXIBILITY	EN 1296 EN 1109	Δt°C	10	10	10	10	10	10	10
Peel resistance of joints	EN 12316-1	N/5cm	100	100	100	100	100	100	100

\* 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/Extensa Flex**  
Other finishing, on request. For finishing details refer to pg. 34

