

UNIVERSAL UNDERLAY

universal multiuse underlayer

APP -5 °C

SBS -15 °C



PROJECT SPECIFICATIONS: waterproofing membranes suitable for use as an underlayer in multilayer systems. The versions with APP and SBS compound together with the stability of the glass mat makes it possible to use these membranes as complementary or vapour pressure check layers in systems with thermal insulation.

REINFORCEMENTS: reinforced glass mat.

FINISHES: polyethylene film.

PLUS: excellent dimensional stability thanks to the inner properties of the glass mat reinforcement.



UNIVERSAL UNDERLAY	STANDARD	U.M.	CASALI VV (APP) 2 kg - 3 kg	CASALI VV (SBS) 2 kg - 3 kg
Finishing	-	-	PBS	PBS
Reinforcement type	-	-	GLASS FIBRE	GLASS FIBRE
Thickness	EN 1849 - 1	mm	-	-
Weight	EN 1849 - 1	kg	2 / 3	2 / 3
Maximum Tensile Force LONGITUDINAL / TRASVERSAL	EN 12311-1	N/5cm	350 / 190	350 / 190
Elongation at break LONGITUDINAL / TRASVERSAL	EN 12311-1	%	>2 / >2	>2 / >2
Tearing resistance LONGITUDINAL / TRASVERSAL	EN 12310 -1	N	60 / 70	60 / 70
Flow resistance at elevated temperature	EN 1110	°C	120	100
Flexibility at low temperatures	EN 1109	°C	-5	-15

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.

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