RESISTO®

DUOLAP CAP GR

CAP SHEET

A high performance self-adhesive membrane, consisting of SBS modified bitumen polymer and reinforced with a protective granulated surface composite. DUOLAP CAP GR is equipped with the DUO SELVEDGE technology that provides immediate sealing of the membrane's side laps.

- Superior waterproofing due to DUO SELVEDGE technology
- Excellent dimensional stability
- Excellent resistance to temperature changes

PRODUCT PURPOSE

Application	Waterproofing	
Building Part	Roofing	
Types of slope	Negative slope with an interior drain	
	Outside low slope	
Substrates	BASIC WATERPROOFING MEMBRANE	Asphaltic panel

PRODUCT CHARACTERISTICS

Technology	SBS modified bitumen
Surface	Granules
Underface	Two parts silicone release film (split-back)
Reinforcement	High performance composite
Installation Method	Self-adhesive

PACKAGING

Code	Color	Width		Length		Thickness		Selvedge Width	Net Area		Brute Area		Quantity (per pallet)
		m	in	m	ft	mm	mils	mm	m^2	ft^2	m^2	ft^2	
09236	Black	1	39	10	33	3.8	150	100	9	97	10	107.64	25
09231	Grey	1	39	10	33	3,8	150	100	9	97	10	107.64	25
09238	Brown	1	39	10	33	3,8	150	100	9	97	10	107.64	25
09248	Green	1	39	10	33	3,8	150	100	9	97	10	107.64	25

PROPERTIES

Properties		MD
Peak Load at -18 °C ± 2 °C (MD/XD)	**- Initial** **- 90 days at 70 °C (158 °F)**	22 kN/m / 19 kN/m 22 kN/m / 19 kN/m
Elongation at -18 °C ± 2 °C	**- Initial** **- 90 days at 70 °C (158 °F)**	30 % 30 %
Peak Load at 23 °C ± 2 °C (MD/XD)	**- Initial** **- 90 days at 70 °C (158 °F)**	16 kN/m / 14 kN/m 16 kN/m / 14 kN/m
Elongation at 23 °C ± 2 °C	**- Initial** **- 90 days at 70 °C (158 °F)**	60 % 35 %
Ultimate elongation at 23 °C ± 2 °C	**- Initial** **- 90 days at 70 °C (158 °F)**	65 % 45 %
Tear Strength at 23 °C ± 2 °C (MD/XD)		500 N / 450 N
Low Temperature Flex	**- Initial** **- 90 days at 70 °C (158 °F)**	-18 °C (0 °F) -18 °C (0 °F)
Dimensional Stability		± 0,5 %
Compound Stability		> 107 °C (225 °F)

(DUOLAP CAP GR meets and exceeds the requirements of CAN/CGSB-37.56-M, 9th draft).
(All values are nominal)

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INSTALLATION

Storage	Rolls should be stored upright, the side of the braid positioned upward. Can withstand freezing, but must be refilled at least 24 hours at 10 ° C (50 ° F) before installation.

Minimum Application Temperature	0 °C (32 °F)	
Required Products	ELASTOCOL STICK	**OR** EXTERIOR PRIMER
		AND ELASTOMERIC SEALER

Tools Required		Tape measure		Smoothing roller
		Knife		

Equipment Required	DUOMATIC hot air welder	Hot air electric torch

Surface Preparation	The substrate must be clean, dry and free of dust, grease or other contaminants and be primed with EXTERIOR PRIMER.
Installation	1. Prime the substrate with ELASTOCOL STICK or EXTERIOR PRIMER. 2. Position the membrane parallel to the lower edge of the roof. 3. Overlap the sheet itself, on half of its width, or 50 cm (20 in) over the whole length already positioned. It is recommended to kneel on the unfolded portion of the membrane to keep it in place during this operation. 4. Remove the protective film from the folded section while placing the membrane on the substrate. The pressure-sensitive portion will adhere to the substrate. 5. Raise the other portion of the membrane and repeat the previous two steps. 6. Immediately apply pressure on the membrane using a heavy metal roller or a hard rubber roller ensuring adhesion between the substrate and the membrane avoiding the formation of swellings, folds or gap. 7. The sidelap (DUO SELVEDGE) must be welded using a hot air gun or DUOMATIC welder. Always position overlaps at the top side of the slope. Note: The transversal overlaps must be sealed using the ELASTOMERIC SEALANT applied using a trowel on the granulated portion of the membrane, 12 cm (5 in) and the last 2 cm (1 in) should be welded. To get a 15 cm (6 in) total overlap.

Recommendations/ Limitations	It is not recommended to use a product containing bitumen directly on softwood boards softwood or of flexible polyvinyl chloride.

ULC LISTED

CSA A123.21

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM