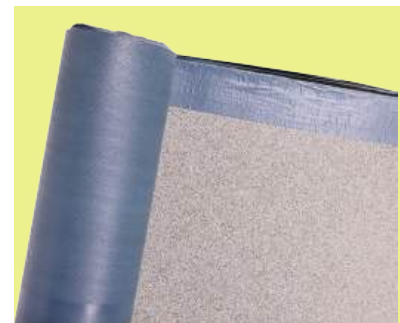


PRIMO-SA CAP

SBS Modified Cap Sheet

Description: The bitumen-polymer **PRIMO SA CAP** membranes are the arrival point of the latest generation of membranes denominated “composite”. These membranes are thus defined because thanks to a production technology developed in 1995, Nord Bitumi can produce materials with differentiated waterproofing mass, which allows the optimal use of each layers properties, satisfying the different requirements. **PRIMO SA CAP WHITE** has a woven non woven single strand composite polyester reinforcement.



Field of Use: The **PRIMO SA CAP** membranes are capable of resolving specific application and functional requirements and present numerous and important advantages, such as ease of application with consequential savings on time and the possibility to apply the material on surfaces which are not suitable to open flame.

Therefore, **PRIMO SA CAP** is insuperable in the waterproofing of wood structures, insulation panels which are heat sensitive, panel decks and refurbishment of historical roofs. Furthermore, **PRIMO SA CAP** can be used and allows the waterproofing of particular roof details (ex. bandaging of plastic tubes, etc.) and the possibility to also apply with the traditional application method of open flame or hot air, obtaining an exceptional level of adhesion. **PRIMO SA CAP** guarantees a perfect level of adhesion to the application surface, providing the system with an excellent level of wind uplift resistance and allowing accidental infiltrations to be traced.

Reinforcement: Single Strand Composite Polyester

Compound: Elastomer-Polymer Bitumen (SBS)

Top Finish: White Mineral Slate *

Lower Finish: Silicon Release Film

Intended Use: Top Layer

Application Method: Self-Adhesive

CE Certification No.: CE0958-UKCA012

* Mineral self-protected products may undergo color tone variations due to the time and length of storage. Exposure to atmospheric conditions, after application, will tend to uniform the color after a few months. The change in color tone cannot therefore be contested and / or complained of as it is a natural phenomenon that the slate manufacturer himself cannot guarantee.

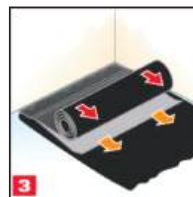
Application:

1. On cementitious surfaces and similar apply, by roller or airless, synthetic primer PRIMER SINT, approx. consumption 200-400 g/m². This application is not required on wooden roofs except OSB boards.
2. Position the **PRIMO SA CAP** on the application surface; provide side & head laps respectively of 10 & 15 cm's between the sheets.
3. Remove the release film from the lower face, this is divided longitudinally in two sections, in one or two steps. It is always suggested to mechanically fix head & side laps.
4. Use suitable roller by applying pressure over all of the membrane surface, particularly the side & head laps to further promote adhesion.
5. Position suitable single or double battens for subsequent laying of the sealing element consisting of a discontinuous covering mantle (tiles, roof tiles, etc.) as required by the UNI 9460: 2008 standard - Discontinuous roofing for roofs.

PRIMO-SA CAP

SBS Modified White Cap Sheet

6. In the event of high internal relative humidity, or the presence of humidity in the wooden deck application surface, to prevent the formation of condensation on the inner face of the adhesive membrane during the night, which may cause marks or stains over time in the ceiling of the rooms below, foresee the use of PRIMO BASE vapor separation and diffusion layer having a polypropylene film finish mechanically fixed to the support with broad-headed nails. The adhesive membrane is then applied over the vapor diffusion layer.



Recommendations:

- The **PRIMO SA CAP** membranes are to be applied on dry clean surfaces which must be treated with a synthetic primer, excluded are wooden roofs except OSB boards.
- The side & head laps must be respectively of 10 & 15 cm's.
- When applying on verticals, the apex of the membrane must be mechanically fixed with a proper flashing; where possible it is advisable to go up and over the vertical and on to the horizontal surface.
- Using the version with special printed film, immediately apply the finishing layer.
- Avoid storing the product on the roof with temperatures lower than +10°C or higher than +40°C if not for the time necessary for installation.
- With temperatures below +10°C it is necessary to apply the product using particular precautions:
 1. Store the rolls in an upright position in the original packaging, indoors and in dry and warm areas.
 2. Transport the rolls to the place of application only at the time of use.
 3. The ideal application occurs at temperatures above +10°C, however it is possible to apply the product below +5°C bringing the rolls to the ideal temperature with a leister or gas torch.
- The application surface must not have any depressions to avoid the risk of ponding water, the slope must be at least 1.5% on concrete decks and 3% for steel or wooden ones, this to guarantee a proper run off of rainwater.
- Program periodical roof inspections to remove debris, mud, plants, etc. and to keep under control the waterproofing as well as accessory details (drain outlets, TV antennas, air conditioning, etc.).
- In the eventuality in which the element to be waterproofed presents residual humidity (ex. refurbishment, application after heavy rains) it is necessary to foresee the use of air vents, which will be positioned in a way to allow for the evacuation of the humidity.
- Absolutely avoid the stacking of rolls and pallets for storage or transport to avoid possible deformations which may compromise a perfect installation. It is recommended to store the product at temperatures above 0°C.

PRIMO-SA CAP

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TECHNICAL DATA				
Characteristics	Testing Method	M.U.	Tolerance	Value
Length / Width	EN 1848 - 1	m	MLV	10,0-1% / 1,0-1%
Thickness	EN 1849 - 1	mm	MDV +/- 5%	3,3 on mineral
Visible Defects	EN 1850 - 1	visual		None
Straightness	EN 1848 - 1	mm / 10 m	MLV	< 20
External Fire Performance	EN 13501 - 5			F Roof
Reaction to Fire	EN 13501 - 1	class		NPD
Maximum Tensile Strength (L/T)	EN 12311 - 1	N / 50 mm	MDV +/- 20%	500 / 400
Enlongation (L/T)	EN 12311 - 1	%	MDV -15	35 / 35
Resistance to Tearing (L/T)	EN 12310 - 1	N	MDV +/- 30%	150 / 150
Dimensional Stability	EN 1107 - 1	%	MLV	-0,5
Cold Flexibility	EN 1109	°C	MLV	-15
Cold Flexibility after Aging	EN 1296	°C	MDV +15°C	-10
Flow Resistance	EN 1110	°C	MLV	100
Flow Resistance after Aging	EN 1296	°C	MDV -10°C	90
Watertightness	EN 1928	kPa		60
Adhesion of Granules	EN 12039	%	MDV	30
Tensile Strength after Aging L/T	EN 1296	N / 50 mm	MDV -20%	NPD
Impermeability after Artificial Aging	EN 1296	kPa		60
Root Resistance	EN 13948			NPD

MDV : value declared by the manufacturer associated with a declared tolerance.

MLV : limit value, minimum or maximum, declared by the manufacturer.

NPD : No Performance Declared in accordance with the EU Construction Products Directive.

PACKAGING				
Product	Roll Size	Weight KG/M ²	Thickness mm	EN Standards
PRIMO SA-CAP	10,0 m x 1 m		3,3 on mineral	13707 13859-1

The technical data given is based on average values obtained during production. We reserve the rights to change or modify the nominal values without prior notice or advice. The information contained in this data sheet are based on our experience. We cannot take any responsibility for a possible incorrect use of the products. The customer has to choose under their own responsibility a product fit for the intended use.

03/13/2024 - This version supersedes all previous ones.