



NOVA-SK

SELF-ADHESIVE MEMBRANE

No need for free flames

Easy to apply

Excellent adhesion properties

Outstanding cold flexibility (-25°C)



TEST	NORM	UNIT OF MEASUREMENT	VALUE
REINFORCEMENT	*	*	COMPOSITE NON WOVEN POLYESTER WITH EMBEDDED GLASSFIBRE
HEAT FLOW RESISTANCE	EN 1110 (1999)	°C	90
COLD FLEXIBILITY	EN 1109 (1999)	°C	-25
PEEL RESISTANCE OF JOINTS MEMBRANE/MEMBRANE (AVERAGE VALUE)	EN 12316-1 (1999) PELAGE 180°	N/5 cm	100

For all other information please refer to the NOVAGLASS Technical Literature

storage instructions

Store the rolls (even partly used) indoor and protected from sun rays.
Do not double stack pallets to avoid rolls deformation.
Use the materials within six months from production.

Please note: the use of this membrane (alone or in combination with other products) to carry out a built up waterproofing system shall be the result of a project evaluation. Destination of use and design purpose application shall be taken into account while specifying the waterproofing system solutions.



Information given in this brochure is based on the present knowledge and the current expertise of the manufacturer.

NOVAGLASS is entitled to amend technical characteristics and features of the products to improve them or to make them more project oriented without earlier notice.



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THE SELF-ADHESIVE WATERPROOFING MEMBRANE

NOVA-SK, THE COLD APPLIED SELF-ADHESIVE MEMBRANE

NOVAGLASS self-adhesive membranes are the right answer to the increasing demand for safety, quick application and wide versatility of use in modern construction technologies. NOVAGLASS developed NOVA-SK Series comprising high efficiency self-adhesive membranes with a variety of arrangements and finishes to cope with most of the application situations.



NOVA-SK is a high performance cold applied self-adhesive elastomeric bitumen membrane. It is the perfect solution for all applications where it is not allowed to use free flames. The waterproofing mass is made of a selected blend of distilled bitumen, modified with thermoplastic elastomers (SBS, SIS and special rubbers) which convey to the product extra-ordinary adhesive and high waterproofing properties and extreme flexibility at once.

The reinforcement is composite non woven polyester with embedded glassfibre and delivers to the membrane high dimensional stability and both longitudinal and transversal mechanical characteristics. The reverse side is coated with anti-adhesive siliconised release film; the top side is coated with black polypropylene fleece.

In the NOVA-SK MINERAL version, the top side is coated with coloured slate flakes.

Both versions (plain and mineral) are equipped with self-adhesive release film coated selvages for easy overlaps.

advantages:

Ease of application, safe adhesion, time saving thus money saving workability represent the principal advantages in those waterproofing systems where self-adhesive membranes NOVA-SK are chosen.



- No need for free flames
- Excellent self-adhesive properties on most substrate types and shapes
- Ease of application in bad accessibility situations both on horizontals and verticals
- Outstanding flexibility at low temperatures (< -25°C)
- High elasticity
- Suitable for application of further torch-ons as top layers or cap sheets

fields of use:

NOVA-SK can be cold applied both on even and on vertical surfaces such as concrete, metal decks, wooden panels (plywood), thermal insulation, bitumen felts, etc.

Particularly, it is the right product when the use of free flames is not advisable (wooden roofs, fire sensitive thermal insulation, etc.) or is not easily accessible (foundation walls, below grade structures, etc.).

Further torch-on membrane layers can be fully bonded to NOVA-SK with traditional method.



warnings and advices:

- 1 - NOVA-SK must be applied on a clean, even and dry substrate
- 2 - Substrate must be sound and free from hollows or unstable parts
- 3 - Apply the product at air and substrate temperatures not lower than +10°C
- 4 - Do not apply the product in adverse weather situations such as high relative humidity (fog) or cold (morning dew)
- 5 - Membrane sheets must be laid onto the substrate with polypropylene fleece (or with mineral finish) on the top side
- 6 - The polypropylene fleece top coating is weatherproof for a few months after application
- 7 - The siliconised release film on reverse side shall be removed immediately before the applications of the membrane
- 8 - Butt joints shall feature a minimum 15 cm overlap, side joints shall feature the overlap of the built-in self-adhesive selvages
- 9 - Overlaps shall be pressed with adequate roller
- 10 - When applying NOVA-SK MINERAL as underlay for clay tiles on steep slopes (>35%) it is advisable to mechanically fasten the sheets on the ridge; the sheet butt will be eventually sealed by overlapping the further sheets; it is also recommended to fasten the clay tiles by means of appropriate hooks
- 11 - When applying the membrane onto substrates with high structural movements or other particular application situations it is advisable to apply NOVA-SK strips to carry out a flexible bridge joint between the prefabricated elements. The strips shall extend 10 cm beyond the two edges of the structure
- 12 - When applying on verticals, the sheets shall extend by 20 cm above the maximum level of rain water
- 13 - Applications on verticals shall be completed with metal flashing adequately mechanically fastened
- 14 - When during the application it is necessary to re-adjust the alignment it is advisable to cut the sheet and carry out a butt joint. It is recommended to avoid removing and re-adhering the sheets



application guideline:

- 1 - Unroll the sheet onto the substrate and align to the reference point (e.g. side wall, eaves or gutter line, etc.)
- 2 - Re-roll the sheet up to half its length
- 3 - Using a Stanley knife cut the release film on the reverse side (transversally and carefully avoiding to lance the membrane)
- 4 - Unroll the sheet again and simultaneously peel off the release film
- 5 - Re-roll the remaining half of the sheet
- 6 - Repeat the instruction at point 4)
- 7 - Peel off the release film at the self-adhesive selvage (8 cm wide) just before adhering the side overlaps
- 8 - After junction of the overlaps carefully press on the sides and on the butts to obtain a proper adhesion
- 9 - If necessary, warm-up the self-adhesive selvages by means of hot air devices (e.g. LEISTER) or propane gas (burner without flame)

