



# elastico-roll<sup>®</sup>

*Smart Membrane*



*Self healing*



*% 1600 ELONGATION*



*High puncture  
resistant*



*3D application*



*-25 cold flexibility*



*Easy application*



*Made in Turkey*

Elasticoroll Smart Membrane is much more than all conventional bituminous waterproofing membranes.

Elasticoroll, which contains all the accumulation of Polymer Bituminous Covering technology and is the latest PRODUCT of this technology, has SUPERIOR features than conventional bituminous waterproofing membranes. Self-healing and pushing the limits, Elasticoroll offers smart solutions in waterproofing.

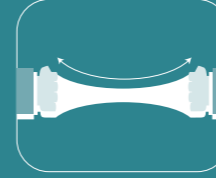
Elasticoroll smart membrane, which has a carrier-free, unreinforced and homogeneous structure, is strengthened with HIGH modification S.B.S added polymer bitumen content. Its upper surface is covered with a special mineral layer. The product is produced in rolls of 6 meters length, 1 meter width and 5 mm thickness, different thicknesses can be produced upon request.

It offers its users a different and reliable insulation experience in terms of its self-healing structure, ultra-flexibility, usability in all kinds of detail applications, long life resistancy, perfect joint welding, easy application and being a unique solution.

On the other hand, Elasticoroll is Turkey's first carrierless bituminous waterproofing membrane, which has been revealed by years of research and development and in which 100% national technology and opportunities are used in its production.



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SMART MEMBRANE

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- ✓ **SELF HEALING**
- ✓ **%1600 ELONGATION**
- ✓ **3D APPLICATION**
- ✓ **ONE LAYER APPLICATION**

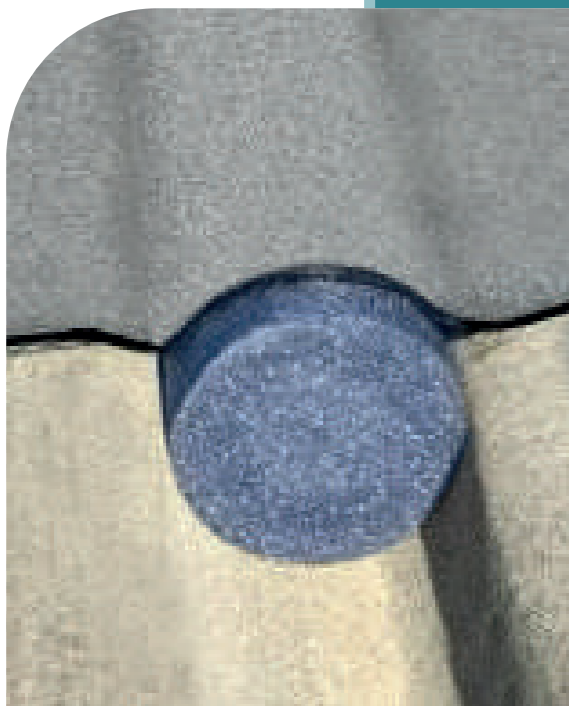
With its carrierless and special formula structure, Elastico-roll is resistant to even the toughest conditions, and does not break or crack thanks to its high tensile strength. It provides maximum confidence in dilatations and moving structures.

**Against point deformation risks such as puncture and damage in the application areas, the risk of water leakage is eliminated with its self-healing feature.**

In case of need, new and old materials are perfectly compatible with each other, even after long periods of control repairs that can be made at different times.

% 1600 ELONGATION

HIGH PUNCTURE RESISTANT



- Foundations with level differences
- Elevator pits
- Graded reinforced concrete shears
- Dilatations
- Steel constructions
- Floating floors with a risk of settlement
- Piles under foundation are just some of the application areas.



3D APPLICATION

Unlike membranes with reinforcement, it can be applied even in the most demanding details. Thanks to its high Sbs ratio and its homogeneous structure without carrier, it provides superior application opportunity even in small and narrow cornered areas, even in challenging details such as around pipes.

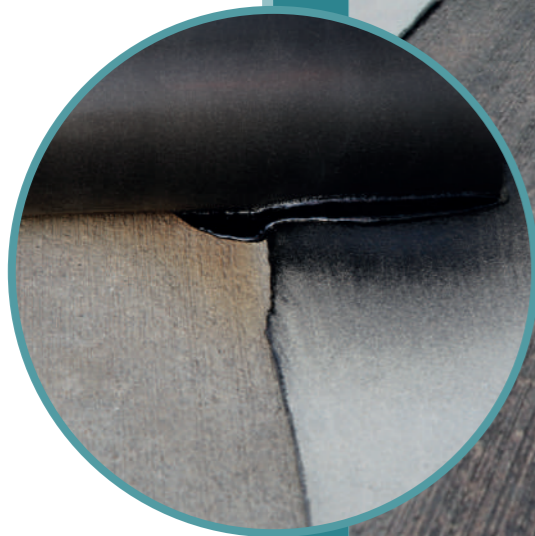


Elasticoroll continues to preserve all its features even after many years, thanks to its high-tech, advanced Sbs module and its content. It does not compromise its flexibility and homogeneous structure. It is extremely resistant to the negative effects of salt and alkali metals that it may encounter under the ground.



SINGLE LAYER APPLICATION

Unlike all conventional insulation products, Elasticoroll does not experience problems such as cracking or breaking even in sudden temperature changes. Thanks to its developed special formula, it provides maximum performance even in the toughest weather conditions.



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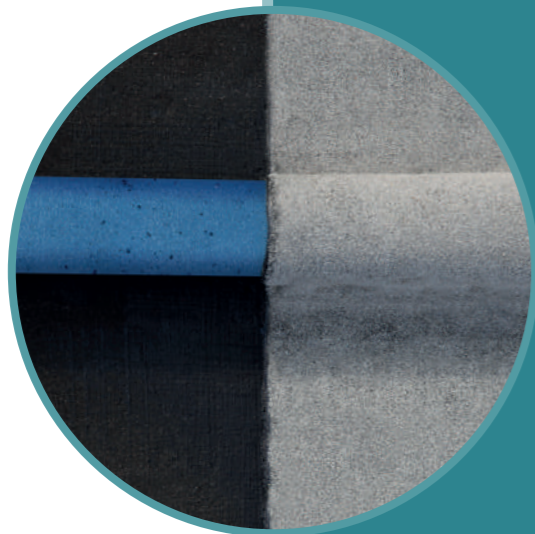


LONG-LASTING

-25 COLD FLEXIBILITY

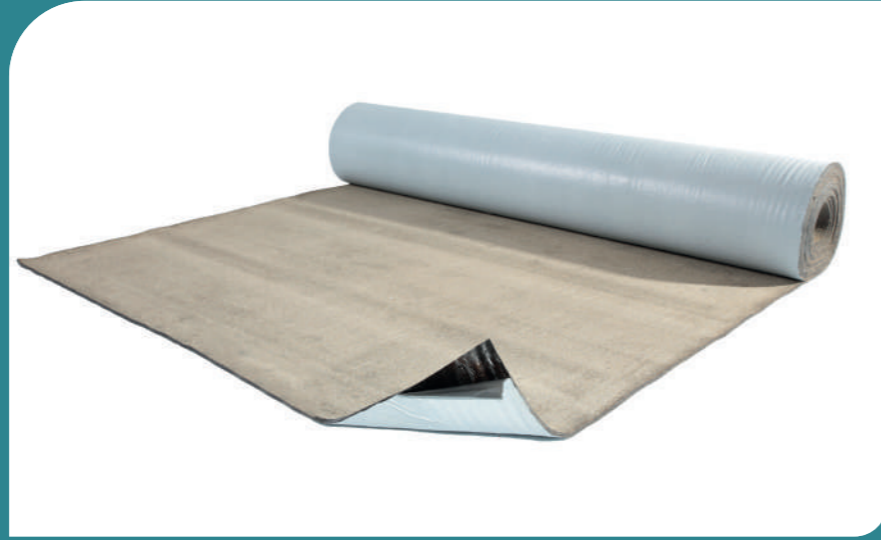
- It repairs itself against point risks such as uncontrolled puncture and injury.
- It is easy to apply. There is no need for auxiliary materials.
- It can be applied safely in all kinds of details thanks to its high sbs rate and superior elongation feature.
- Offers a solution with a single layer application.
- Does not require protection concrete in foundation applications.
- It offers a safe and risk-free solution in single-sided curtain applications.
- It can be used safely on dilatation and moving floors.
- It is not affected by cold/hot phase transitions.

- It has been developed with SBS based high bitumen technology.
- It provides full mechanical and chemical adhesion to the concrete.
- Available in many public and private sector specifications.
- Offers a solution with a single layer application.
- Since the joints are fully welded, they become one-piece and do not open the joint over time.
- Provides application opportunity even in adverse weather and field conditions.
- There is no compatibility problem in materials applied on top of each other at different times.
- It is produced in Turkey.

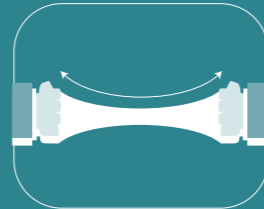


- Resistant to different salts and minerals in underground conditions.
- The surface is easily cleaned with water jet.
- It saves time.
- It is a new generation and innovative system.





Self healing



% 1600 ELONGATION



High puncture resistant



3D application



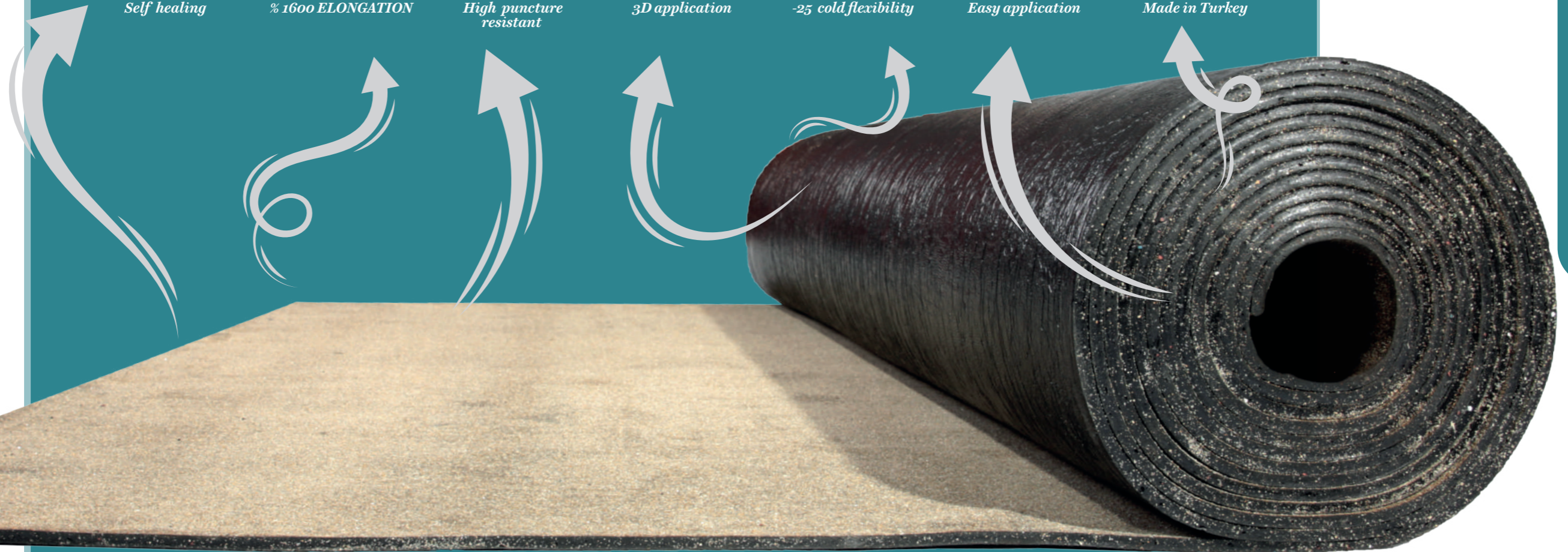
-25 cold flexibility



Easy application



Made in Turkey



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Characteristic	Standard	Value/Result
Length	EN 1848-1	6,0 m
Width	EN 1848-1	1,0 m
Thickness	EN 1849-1	5,0 ± 0,5 mm
Visible defects	EN 1850-1	No visible defects
Mass	EN 1849-1	5,2 ± 0,52 kg/m <sup>2</sup>
Filler content		0%
Water tightness	EN 1928	500 KPa <sub>1</sub>
Water tightness after ageing (12 weeks at 80°C)	EN 1296 and EN 1928	500 KPa <sub>1</sub>
Tensile properties:		
Elongation at break (length and width direction)	ISO 37	1600 ± 150 %
Tensile strength (length and width direction)	ISO 37	1,2 ± 0,2 N/mm <sup>2</sup>
Static loading	EN 12730	20 kg
Impact Resistance: Aluminium EPS 150	EN 12691	500 mm 2000 mm
Low temperature flexibility	EN 1109	≥ -25 °C
Chemical resistance (seaside chemicals)	EN 13969	Resistant to chlorides, nitrates and sulphates
Reaction to fire	EN 13501-1	Class E-d2
Vapour Transmission	EN 1931	Moisture flow rate (g): 1,54 x 10 <sup>-9</sup> kg m <sup>-2</sup> s <sup>-1</sup> Moisture resistance factor(μ): 50400
Vapour Transmission after ageing	EN 1296 and EN 1931	Moisture flow rate (g): 1,01 x 10 <sup>-9</sup> kg m <sup>-2</sup> s <sup>-1</sup> Moisture resistance factor(μ): 78800
Peel resistance of joints	EN 12316-1	Does not peel <sub>2</sub>
Shear resistance of joints	EN 12317-1	Does not shear <sub>2</sub>



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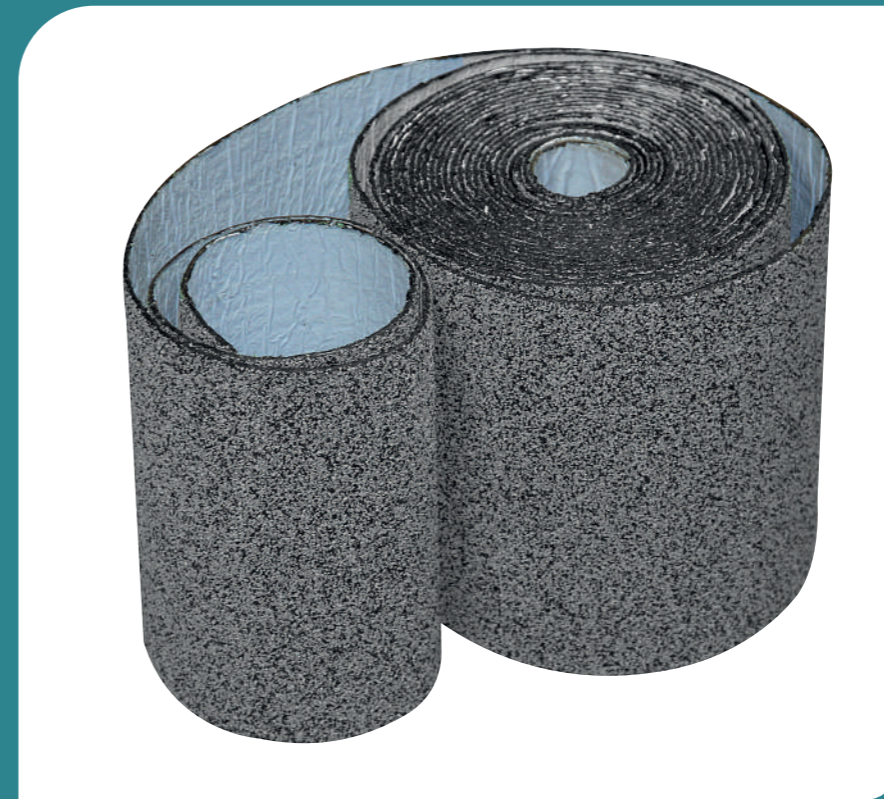
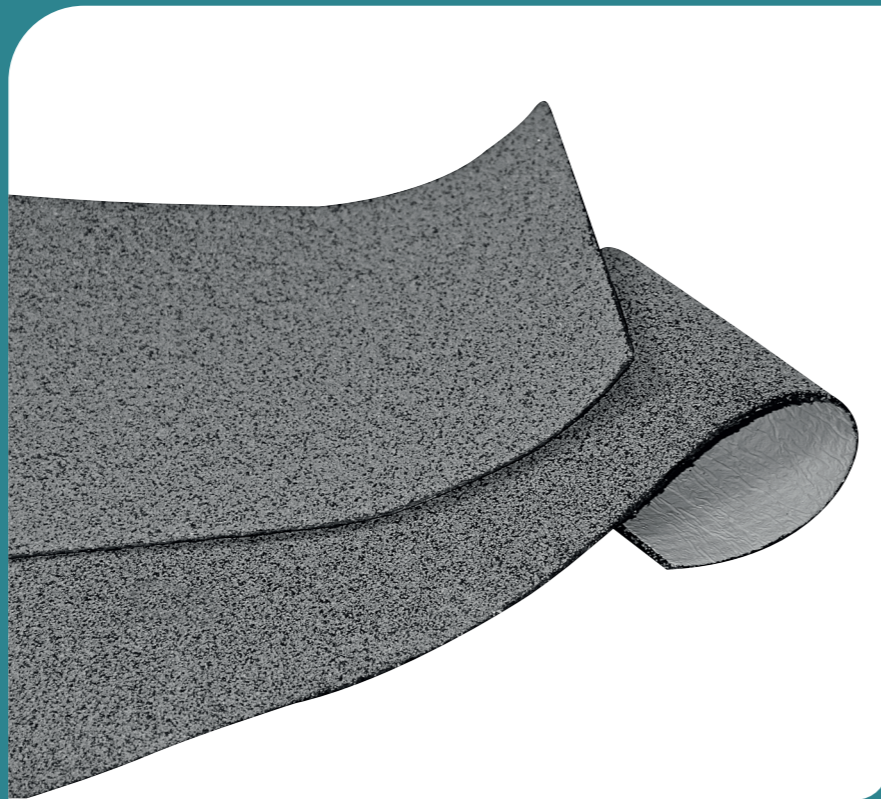
SMART MEMBRANE



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## Elastico-Band

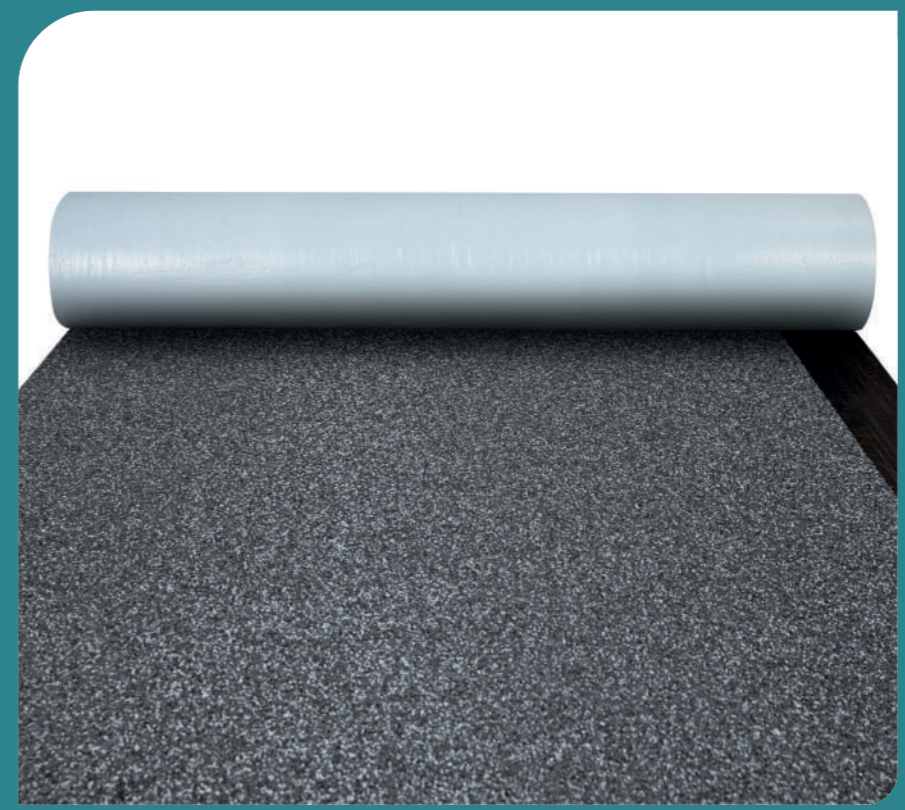
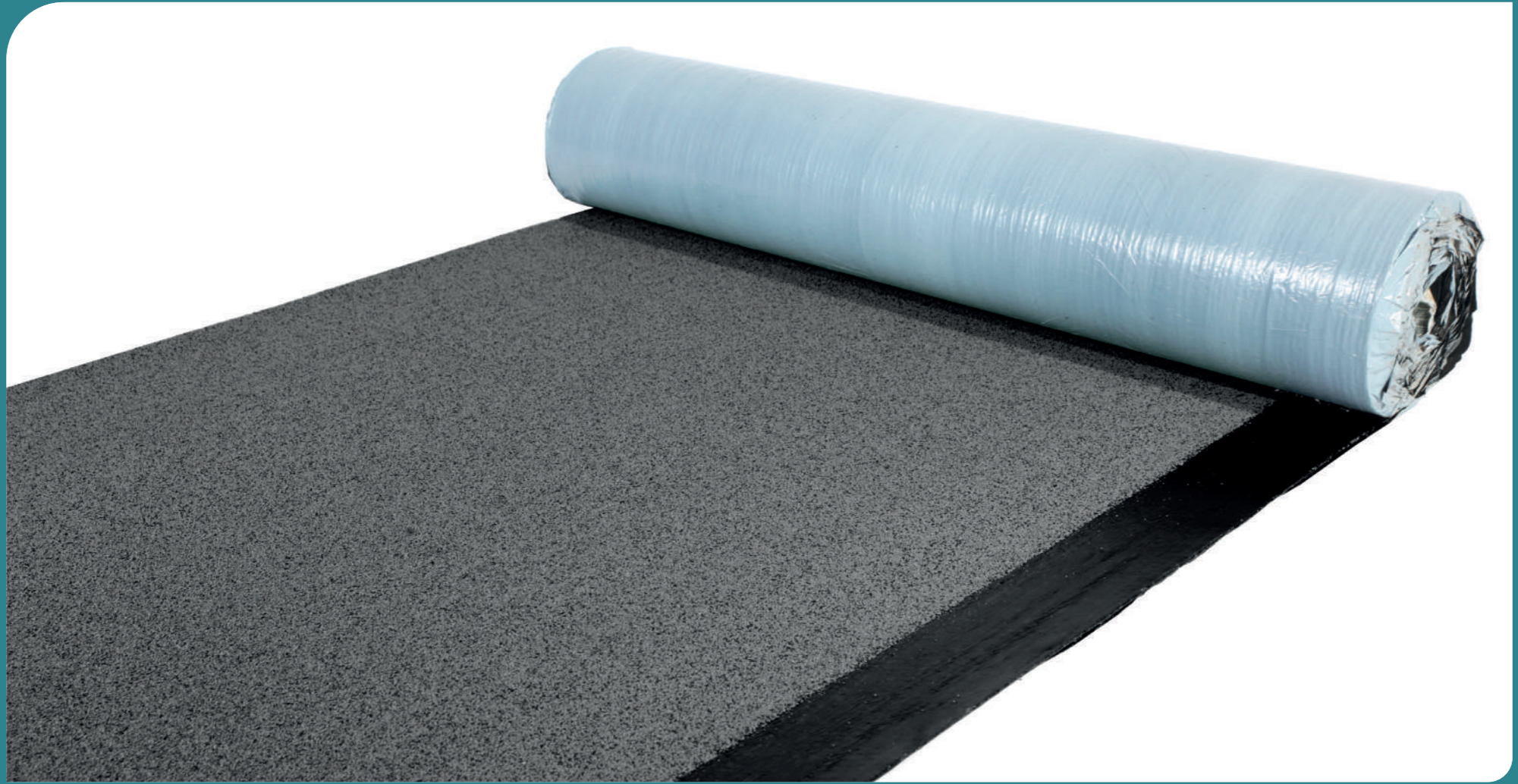


ELASTICO-BAND

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The logo graphic consists of two white, curved arrows pointing outwards from a central point, positioned above the brand name.

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