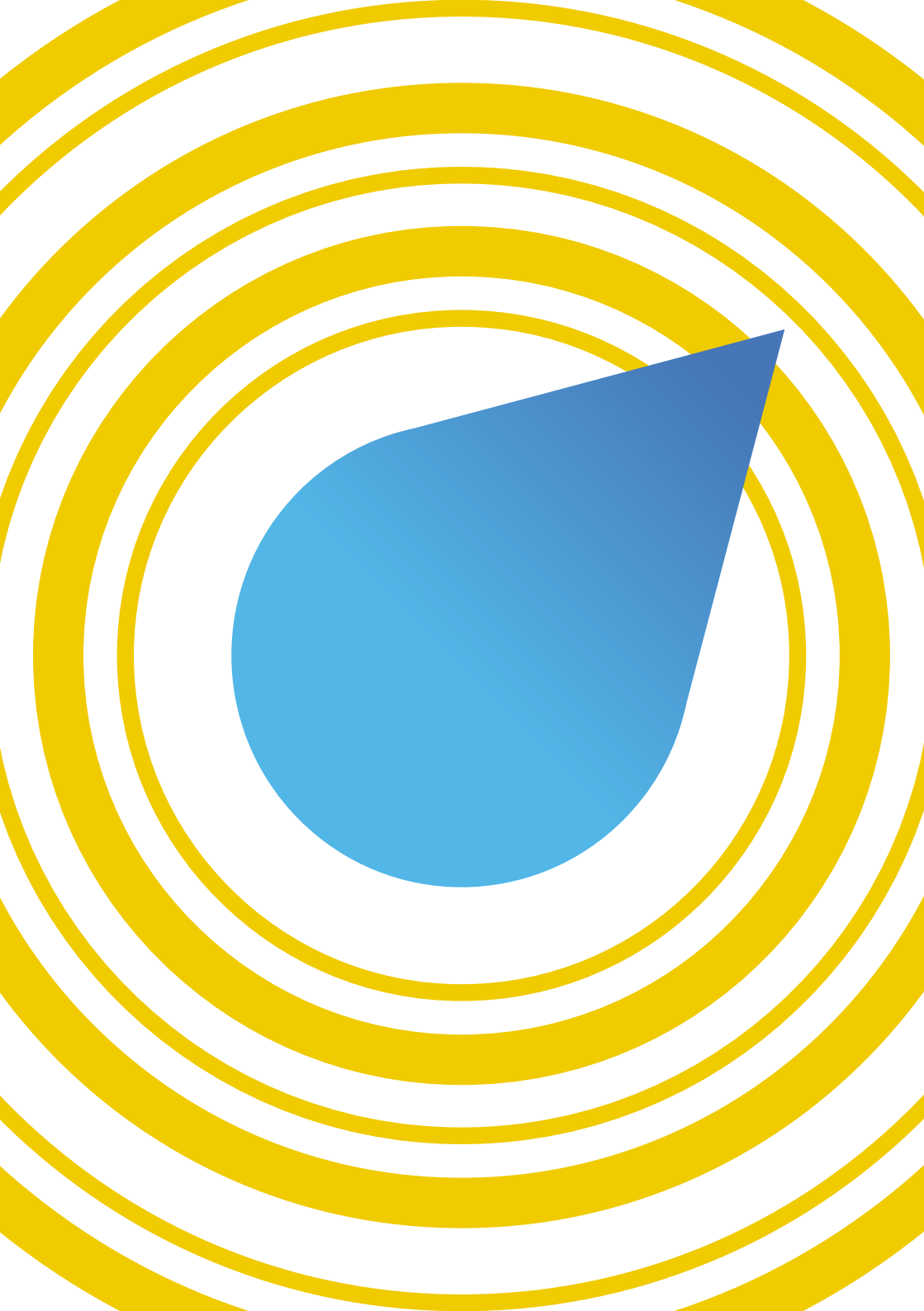




GECO ®

MEMBRANE

Waterproofing Membranes



WHO WE ARE

After over 50 years of successful experience in the waterproofing field based on modified bitumen membranes and technology, a group of Italian entrepreneurs, leader in this field, decided to join their experience and skills to achieve a new vision, by strengthening their skills and knowledge to renovate this field.

GECO s.r.l. has been created to be in line with the new world changes, by combining the best advanced research and development results, obtained with passion and hard work in the last decade, initially in their laboratories and then proved through external independent institutes, to offer innovative solutions, systems and products, paying a great attention and respect to the new environmental requirements, contractors and consumer needs, that are becoming day after day more fundamental for any kind of investment in the building industry.

GECO s.r.l. is the result of the above vision, ready to afford any kind of demand in the waterproofing field, that the traditional systems and products are not so often able to offer, due to the particular, fast and modern world we live today, full of interests on the new themes, such as energy saving, environment issues, products recycling, building industry demands, labor and buildings material cost incidence, in addition to the new economy trend, which is more careful and sensitive than in the past, regarding the life cycle of any product and the rapid solutions that our modern life requires more severely.

Today, **GECO s.r.l.** is able to offer the global market of the future, their new technology and products, for a new generation, that needs to live in harmony with the environment and build up their own future, with innovative and consequently more economic and long lasting material, for more efficient and rapid solutions.

PRODUCTS RANGE



EUROMAX

APP -5°C

EUROFLEX

APP -10/-5°C

GECOGOM PLUS

PAO -20°C

GECOGOM PLUS FIRE RATED

(AA RATING) PAO -20°C

GECOTORCH

SBS -15°C

EUROPLUS

SBS -20°C

GECO M.R. TEX V-200 OVERLAY SYSTEM

PAO -20°C

GECO VAPOUR

METAL LINED VAPOUR BARRIER

GECOSELF T.A.

THERMAL ADHESIVE

GECO AIR

PERFORATED

GECOSELF

SELF ADHESIVE

ACCESSORIES

APP -5°C

CE EUROMAX

A practical and essential brand of plastomeric membranes, designed for a wide use. Thanks to a tested APP modified bitumen compound, fillers together with reinforced non-woven polyester, Euromax meets a large market that requires a generic use of the bituminous membrane for any type of waterproofing. EUROMAX is a universal membrane to be applied in the multilayers roofs, pitched roofs and in all the structures subjected to slow deformation. EUROMAX MINERAL is the mineral self-protected version, to be always laid as finishing layer. EUROMAX GLASS FIBRE is a membrane studied to be laid as an underlay in multi-layer waterproofing systems.



TECHNICAL CHARACTERISTICS	EUROMAX P 4 KG / 4 MM EUROMAX V 2 KG / 2 MM	EUROMAX PA 4,0/ 4,5 KG MINERAL
Reinforcement	EUROMAX P: Reinforced polyester EUROMAX V: Reinforced glass fibre	Reinforced polyester
Compound	(BPP) Plastomeric	(BPP) Plastomeric
Surface finishing	TOP: Anti adherent sand/Film BOTTOM: Burn-off film	Mineral self-protection Burn-off film
Application method	Torch-on	Torch-on
Use	EUROMAX P: Underlay EUROMAX V: Underlay	Cap sheet

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)	Rolls/Pallet (nr)
EUROMAX P 4 mm / P 4 kg	4	4	8 x 1	30
EUROMAX PA 4 / PA 4,5 kg Mineral		4 - 4,5	8 x 1	30
EUROMAX V	2	2 - 3	16 x 1	30

APP -10/-5°C

CE EUROFLEX

The EUROFLEX brand is a range of general purpose waterproofing membranes designed and manufactured for the specific needs of the roofing contractors. With over twenty years of development and experience in varied climates throughout the world the Euroflex range has become a market leader providing a basic and economic solution for many general applications. The plastomeric modified bitumen polymer (BPP) which is used gives an excellent flexibility and workability on any roof. The carrier is a non-woven reinforced polyester giving excellent performance in terms of mechanical resistance. The high dimensional stability is obtained by insertion of a glass fibre reinforcement inside the polyester itself. The self-protected cap-sheet version, EUROFLEX PA 4,5 kg mineral, grants a high protection against ageing, UV and IR rays, and is normally available in the light grey/green colour, but it can be supplied in different colours upon request to comply with specific aesthetic and architectural requirements. The Euroflex range also includes a 2 mm underlay version called VELOFLEX, manufactured with glass fibre reinforcement, in 16 m rolls. They are normally used as an underlay in built-up roofing systems or as a vapour controller layer, when thermal insulation boards are employed in warm roofs.



TECHNICAL CHARACTERISTICS	EUROFLEX P 4 MM / VELOFLEX 2 MM	EUROFLEX PA 4,5 KG MINERAL
Reinforcement	Euroflex P 4 mm: Reinforced polyester Veloflex 2 mm: Glass fibre	Reinforced polyester
Compound	(BPP) Plastomeric	(BPP) Plastomeric
Surface finishing	TOP: Anti adherent sand/film BOTTOM: Burn-off film	Mineral self-protection Burn-off film
Application method	Torch-on Mechanical fixing (except single layer)	Torch-on Mechanical fixing (except single layer)
Use	Underlay	Cap sheet

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)	Rolls/Pallet (nr)
EUROFLEX P 4 mm	4		8 x 1	30
VELOFLEX 2 mm	2		16 x 1	25
EUROFLEX PA Mineral		4,5	8 x 1	30

PAO -20°C



**CE GECOGOM PLUS
GECOGOM PLUS PA/FR**

solutions under any severe condition. The GECOGOM PLUS range of membranes is specially recommended in accessible or not accessible flat roofs, in shed coverings and re-roofing, wherever the membrane is the final sealing element. GECOGOM PLUS PA 4 MM MINERAL is a high quality membrane, recommended when single layer system is required. While GECOGOM PA 4 MM FR is the AA fire rated version membrane, having a fire rating certificate issued at BRE institute in London.

GECOGUM PLUS range is a special formulation based on elastopolyolefines polymers (PAO), designed to meet the most demanding

TECHNICAL CHARACTERISTICS	GECOGOM PLUS P 4 MM / FR	GECOGOM PLUS PA 4 MM MINERAL
Reinforcement	Reinforced polyester	Reinforced polyester
Compound	(BPP) Elastoplastomeric	(BPP) Elastoplastomeric
Surface finishing	TOP: Anti adherent sand BOTTOM: Burn-off film	Mineral self-protection Burn-off film
Application method	Torch-on / Mechanical fixing (except single layer)	Torch-on
Use	Single layer / Cap sheet	Single layer / Cap sheet

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m²)	Dimensions (m)	Rolls/Pallet (nr)
GECOGOM PLUS P	4		7,5 x 1	25
GECOGOM PLUS PA/FR	4 mm+mineral		7,5 x 1	24

SBS -15°C



CE GECOTORCH

GECOTORCH is the brand new range of bituminous membranes which complies with the most different requests in the waterproofing field. It is manufactured with a distilled bitumen compound modified with elastomers and fillers. Its cold flexibility is -15°C. Gecotorch membranes are recommended when a good elasticity is requested, for example in metal prefabricated structures and cement prefabricated structures, etc...

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TECHNICAL CHARACTERISTICS	GECOTORCH P - V	GECOTORCH PA MINERAL
Reinforcement	Reinforced polyester - Glass fibre	Reinforced polyester
Compound	(BPE) Elastomeric	(BPE) Elastomeric
Surface finishing	TOP: Anti adherent film/film BOTTOM: Burn-off film	Mineral self-protection Burn-off film
Application method	Torch-on / Mechanical fixing	Torch-on
Use	Underlay	Single layer / Cap sheet

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m²)	Dimensions (m)	Rolls/Pallet (nr)
GECOTORCH P	3 - 4		8 x 1	30
GECOTORCH PA MINERAL		4 - 4,5	8 x 1	30
GECOTORCH V	2		16 x 1	25

SBS -20°C

CE EUROPLUS

EUROPLUS is a high specification waterproofing felt. It is made from a distilled bitumen modified with elastomeric polymers giving the product high elasticity, excellent cold flexibility (-20°C) and easy workability during any time of the year. The special "Spun-bond" polyester, reinforced with glass fibre, is used to obtain a high mechanical resistance together with elongation and dimensional stability.

When a naked flame is not permitted by insurance companies of fire authorities, EUROPLUS is the ideal solution, since it can be applied use of a hot air gun, granting a perfect adhesion. Due to extensive research and development of the base compound, minimal heat is required to adhere to sound substrates. The EUROPLUS PA 5 kg mineral slated version can be used in either built-up roofing systems as a cap-sheet or a singles layer in refurbishment. EUROPLUS underlay is supplied in a thickness of 2,5 mm and in 16 m rolls. It can be used as vapour controller where thermal insulation boards are used in warm roofs.

TECHNICAL CHARACTERISTICS	EUROPLUS	EUROPLUS MINERAL
Reinforcement	Reinforced polyester	Reinforced polyester
Compound	(BPE) Elastomeric	(BPE) Elastomeric
Surface finishing	TOP: Anti adherent talc BOTTOM: Burn-off film	Mineral self-protection Burn-off film / Polypropylene film
Application method	Torch-on / Mechanical fixing	Torch-on
Use	Underlay	Single layer / Cap sheet

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)*	Rolls/Pallet (nr)
EUROPLUS P	3 - 4		7,5 x 1	30 - 30
EUROPLUS PA MINERAL		4 - 4,5 - 5	7,5 x 1	30
EUROPLUS V	2 - 2,5		16 x 1	25 - 25

* Length available upon request

9

PAO -20°C

CE GECO M.R. TEX V-200 5,5 kg MINERAL Overlay system

GECO Mineral Refurb membrane (MR), has been designed using a special formulation based on a modified bitumen compound, with differentiated waterproofing masses, studied to be used directly on the top of the old mineral surfaced felts. The upper face compound is composed of distilled bitumen and elasto-plastomers, while the lower part compound is composed of distilled bitumen modified with special polymers that provides particular characteristics of high adhesion on the old mineral finished felt and excellent workability. A special waterproofing mass has been formulated to bond the upper & lower compounds together.

GECO M.R. is reinforced with a non woven single strand glass fabric composite TEX-V 200, to grant excellent mechanical characteristics and extraordinary dimensional stability. GECO M.R. is self-protected with white mineral slates which reduce heat absorption and improve the durability of the membrane. The membrane has a 10 cm side selvedge and a 15 cm head selvedge which grants the adhesion between the various sheets.

TECHNICAL CHARACTERISTICS	GECO M.R. TEX V-200 5,5 KG MINERAL
Reinforcement	Non woven glass fibre fabric
Compound	Special elasto plastomeric polymers
Surface finishing	TOP: Mineral slates BOTTOM: Anti adherent burn-off film
Application method	Torch-on
Use	Overlay

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)	Rolls/Pallet (nr)
GECO M.R. TEX V-200 5,5 KG Mineral		5,5	7,5 x 1	25

-5°C

CE GECO VAPOUR
Metal lined vapour barrier



GECO VAPOUR is the membrane specifically designed to act as “VAPOUR BARRIER”. It has polyester + aluminium foil + a compound expressly designed to improve the adhesion, grant the

absolute waterproofing against the vapour. GECO VAPOUR is used as vapour barrier in systems with thermal insulating panels.

TECHNICAL CHARACTERISTICS		GECO VAPOUR
Reinforcement		Polyester + Aluminium foil
Compound		(BPP) Plastomeric
Surface finishing	TOP:	Anti adherent talc
	BOTTOM:	Burn-off film
Application method		Torch-on
Use		Underlay

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)	Rolls/Pallet (nr)
GECO VAPOUR		3	10 x 1	36

CE GECOSELF T.A.
Thermal Adhesive



GECOSELF T.A. range of membranes has been formulated with a thermal activated composite to grant an efficient and easy loose laid application either for warm roofs or cold roofs. The compound is made of distilled bitumen and

special synthesis polymers, which provides thermal adhesion properties to the lower waterproofing compound. The waterproofing compound of the upper face allows a fast heat transmission to the lower face to grant a perfect adhesion to any support. The thermal activated waterproofing compound allows the product to be repositioned during the application and does not need to be torched as the traditional felts and it is particularly indicated for those surfaces where the use of naked flame is not allowed. The V version has a rot proof fiberglass reinforcement with very high dimensional stability; while the P version has a rot proof composite woven non woven single strand polyester, with high mechanical characteristics.

GECOSELF T.A. is always available with aluminium foil to be used as a vapour barrier. The upper face is protected with a polyethylene film, while the lower part is provided with a thermoplastic removable film.

TECHNICAL CHARACTERISTICS		GECOSELF T.A. V / P / VB
Reinforcement		Glass fibre / Polyester / Glass fibre
Compound		Special elastomeric polymers
Surface finishing	TOP:	Anti adherent polyethylene film
	BOTTOM:	Thermoplastic removable film
Application method		Loose laid
Use		Connection element / Underlay

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)	Rolls/Pallet (nr)
GECOSELF T.A.	2,5		16 x 1	25



CE GECO AIR GECO AIR perforated membrane is made of distilled bitumen modified with elasto-plastomeric polymers (APP), reinforced with a perforated fiberglass mat. Both sides of the membrane are protected with a polyethylene anti adherent burn off film. The diameter of the holes are of 40 mm and evenly across the surface. The particular formulation of GECO AIR membrane allows the product to be used with both SBS and APP modified membranes manufactured by GECO. GECO AIR is used for partially bonded waterproofing systems and applications, providing for a constant, evenly spread and homogeneous bond to the substrate. The application of GECO AIR allows the vapour diffusion below the waterproofing element, which is normally expelled throughout suitable air vents.

TECHNICAL CHARACTERISTICS		GECO AIR
Reinforcement		Glass fibre
Compound		Elasto plastomeric polymers
Surface finishing	TOP:	Anti adherent polyethylene film
	BOTTOM:	Anti adherent polyethelene film
Application method		Loose laid
Use		Partial bonding / Vapour diffusion layer

SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)	Rolls/Pallet (nr)
GECO AIR		0,750	13 x 1	39

-25°C



CE GECOSELF GECOSELF is a self-adhesive membrane, distilled bitumen based and modified with elastomeric polymers and reinforced with stabilised polyester. GECOSELF can be applied on every kind of supports (wooden, insulating material, etc...) without the flame auxiliary, thanks to a removable silicon film on the bottom and on the overlaps surfaces (adhesive parts).

TECHNICAL CHARACTERISTICS		GECOSELF	GECOSELF MINERAL
Reinforcement		Reinforced polyester	Reinforced polyester
Compound		(BPE) Elastomeric	(BPE) Elastomeric
Surface finishing	TOP:	Anti adherent talc	Mineral self-protection
	BOTTOM:	Burn-off film	Burn-off film
Application method		Self-adhesive / Mechanical fixing	Self-adhesive / Mechanical fixing / Do not apply under 10°C
Use		Underlay	Cap sheet / Single layer system

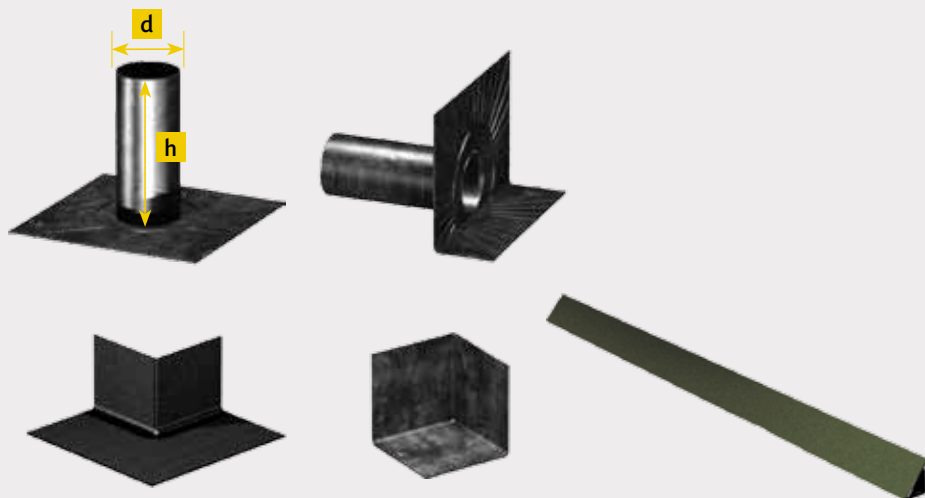
SIZE AND PACKAGING	Thickness (mm)	Weight (kg/m ²)	Dimensions (m)	Rolls/Pallet (nr)
GECOSELF P		3	10 x 1	25
GECOSELF PA MINERAL		3	10 x 1	25

BITUMINOUS PRE-FORMED ACCESSORIES

DRAIN OUTLETS	Diameter [mm]	Height [mm]	Pieces per box
Standard drain outlet \varnothing 60	60	230	12
Standard drain outlet \varnothing 80	80	230	12
Standard drain outlet \varnothing 100	100	270	12
Standard drain outlet \varnothing 120	120	230	12
Standard drain outlet \varnothing 140	140	230	12
Horizontal drain outlet \varnothing 100	100	250/270	12

CORNERS	Sizes [mm]	Pieces per box
Internal corner K	150 x 150 x 150	20
External corner E	340 x 340 / 170 x 170	20

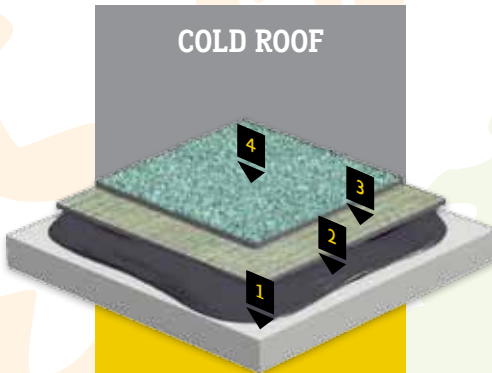
TRIANGULAR FILLET	Sizes [mm]	Pieces per box
Triangular fillet	45 x 35 x 65 x 1100	30



10 YEAR GUARANTEE

Warranty Systems

COLD ROOF



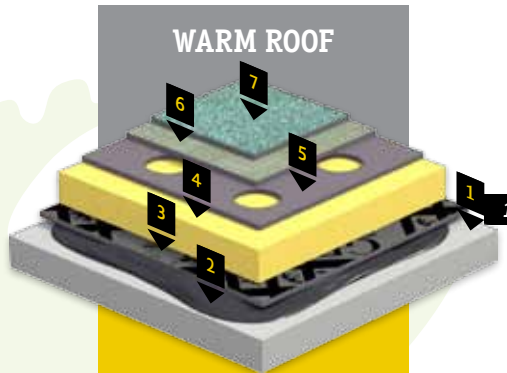
1 Substrate

2 Primer

3 VELOFLEX //
GECOTORCH underlay

4 EUROFLEX // ECOTORCH
mineral cap sheet

WARM ROOF



1 Substrate

2 Primer

3 VELOFLEX // GECOTORCH
vapour check layer

4 Insulation

5 Perforated

6 EUROFLEX // GECOTORCH
underlay

7 EUROFLEX // GECOTORCH
mineral cap sheet

13

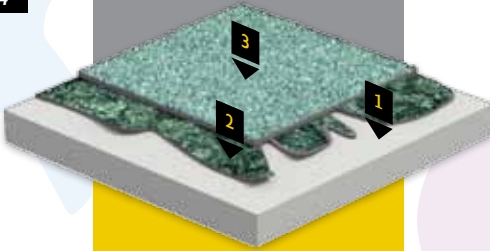
For more information on warranties please contact your local distributor

15 YEAR GUARANTEE

Refurbishment Systems

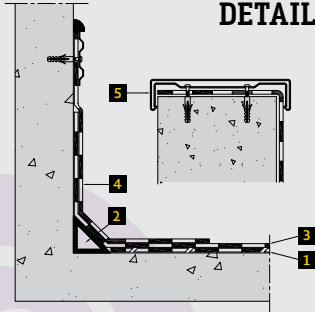
MINERAL OVERLAY SYSTEM

GECO M.R. TEX V-200 OVERLAY SYSTEM



- | | |
|---|---|
| 1 | Substrate |
| 2 | Old mineral cap sheet |
| 3 | GECO M.R. TEX V-200 5,5 Kg/m ² mineral cap sheet |

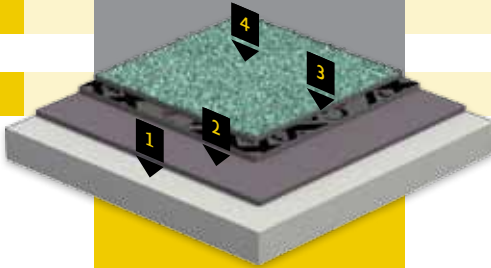
DETAIL



- | | |
|---|--|
| 1 | Existing mineral cap sheet |
| 2 | Triangular fillet |
| 3 | GECO M.R. TEX V-200 5,5 Kg/m ² |
| 4 | GECOGOM PLUS 4 mm//
MINERAL or EUROPLUS 5 Kg/m ² |
| 5 | FLASHING |

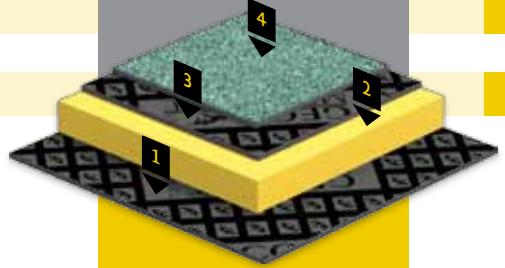
ASPHALT ROOF OVERLAY SYSTEM

COLD ROOF



- | | |
|---|--------------------------------|
| 1 | Substrate |
| 2 | Existing Asphalt |
| 3 | GECOSELF T.A. 2,5 mm |
| 4 | GECOGOM PLUS mineral cap sheet |

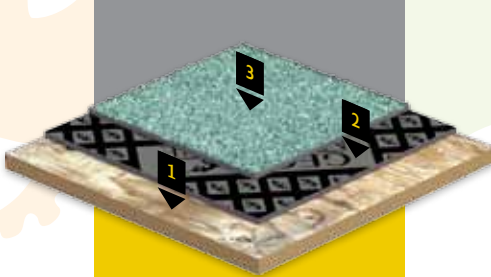
WARM ROOF



- | | |
|---|--------------------------------------|
| 1 | GECOSELF T.A. 2,5 mm |
| 2 | Thermal insulation |
| 3 | GECOSELF T.A. 2,5 mm |
| 4 | PAO - GECOGOM PLUS mineral cap sheet |

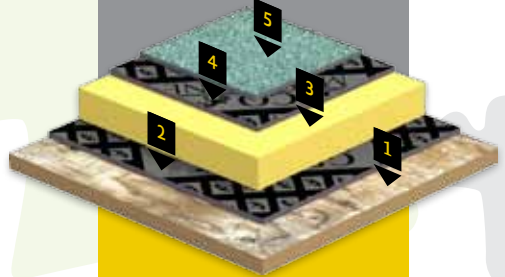
TIMBER ROOF

COLD ROOF



- | | |
|---|--|
| 1 | Timber deck |
| 2 | GECOSELF T.A. 2,5 mm |
| 3 | EUROPLUS 5 kg/m² cap sheet // GECOGOM PLUS mineral cap sheet |

WARM ROOF



- | | |
|---|--|
| 1 | Timber deck |
| 2 | GECOSELF T.A. 2,5 mm // GECOSELF T.A. V.B. |
| 3 | Insulation |
| 4 | GECOSELF T.A. 2,5 mm // GECOSELF T.A. V.B. |
| 5 | EUROPLUS 5 kg/m² // GECOGOM PLUS mineral cap sheet |

15 YEAR GUARANTEE

COLD ROOF



- | | |
|---|----------------------------|
| 1 | Substrate |
| 2 | Primer |
| 3 | EUROPLUS underlay |
| 4 | EUROPLUS mineral cap sheet |

WARM ROOF



- | | |
|---|--|
| 1 | Substrate |
| 2 | Primer |
| 3 | EUROPLUS vapour check layer // GECO VAPOUR (Metal Liner) |
| 4 | Insulation |
| 5 | GECO AIR |
| 6 | EUROPLUS underlay |
| 7 | EUROPLUS mineral cap sheet |

COMPLETED PROJECT



SAMPLE WARRANTY



Geco s.r.l., offers a product liability guarantee, with an insurance policy certificate, of 10 or 15 years, according to the system and the products employed.

CERTIFICATIONS



ISO 9001 CERTIFICATION



ISO 14001 CERTIFICATION



ISO 18001 CERTIFICATION



BRE CERTIFICATION



CE CERTIFICATION

GECO ® --- **MEMBRANE**



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