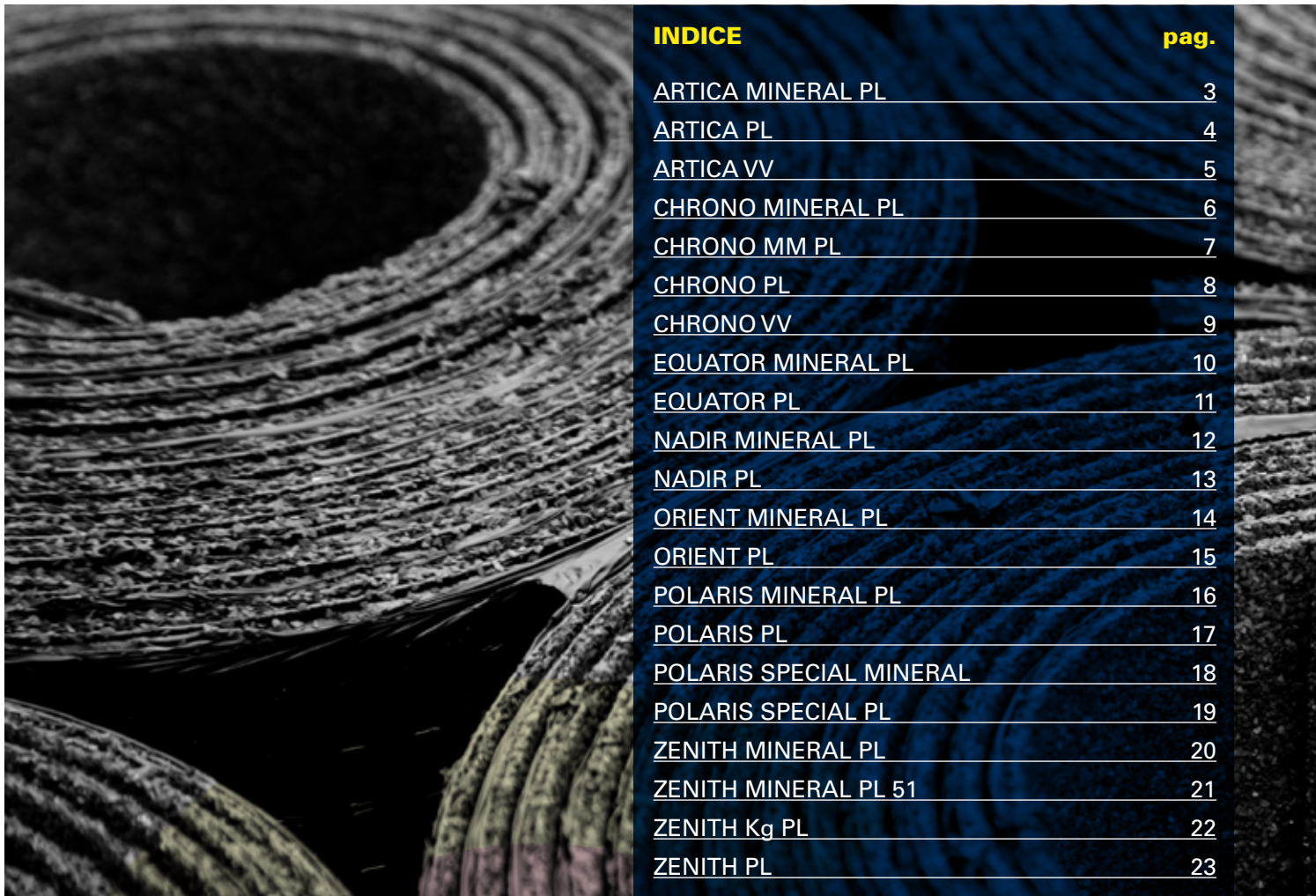


**Nuova  Meridiana**

**WATERPROOFING  
MEMBRANES**



INDICE	pag.
ARTICA MINERAL PL	3
ARTICA PL	4
ARTICA VV	5
CHRONO MINERAL PL	6
CHRONO MM PL	7
CHRONO PL	8
CHRONO VV	9
EQUATOR MINERAL PL	10
EQUATOR PL	11
NADIR MINERAL PL	12
NADIR PL	13
ORIENT MINERAL PL	14
ORIENT PL	15
POLARIS MINERAL PL	16
POLARIS PL	17
POLARIS SPECIAL MINERAL	18
POLARIS SPECIAL PL	19
ZENITH MINERAL PL	20
ZENITH MINERAL PL 51	21
ZENITH Kg PL	22
ZENITH PL	23

# THE COMPANY PRODUCTS

Nuova Meridiana produces **waterproofing systems for the building industry**, through the transformation of bituminous materials. The company pays attention to the continuous technological innovations and, at the same time, is sensitive to the current issues of environmental sustainability, waste reduction and reduction of pollutant emissions. An Italian brand that is also well known abroad, both for the high quality of its solutions and for the constant and timely customer service.

Nuova Meridiana offers a wide range of waterproofing systems. Its bituminous membranes protect from water, one of the most common but also one of the most insidious elements, all civil and infrastructural works, such as **roofs, bridges, viaducts and foundations**. From the A of Artica to the Z of Zenith, many qualitative, high-performance and technologically advanced answers to the questions of durability, safety and reliability. All guaranteed by the Nuova Meridiana brand.

# ARTICA MINERAL PL

## COMPOUND

The ARTICA membranes are manufactured with two distinct types of polymer-bitumen compound. The compound making up the waterproofing mass of the outside surface, with a flexibility of -15°C, is made up of a mix of empty residual distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic compatibilizers and stabilizing inert fillers. The compound is UV-resistant and thermally stable. The adhesive mass of the inside surface is made up of a mix of empty residual distilled bitumen modified with thermoplastic rubber based on radial, linear, isoprenic elastomers, hydrocarbon resins and synthetic compatibilizers that make it extremely flexible at low temperatures reaching -25°C and stick by simple pressure.

## REINFORCEMENT

The reinforcement used for ARTICA MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product very good mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ARTICA MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with silicone film to be removed during the application. All polymer bituminous membranes self-protected with slate are subject to colour variations due to the exposure to weathering. These variations will tend gradually to get uniform over time.

## LAYING METHOD

On the clean, smooth and dry laying surface, possibly treated to promote adhesion with solvent-based or water-based primer, the overlaps. In the presence of temperatures below +15°C (or of material stored for a long time) it may be necessary to slightly heat the membrane with special hot air burners to promote adhesion. In vertical applications, fix the head of the waterproof sheet with mechanical fasteners and protect it with a metal flashing. Side overlaps of at least 10 cm and front overlaps of at least 15 cm must be provided.

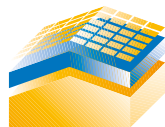
## FLEXIBILITY AT LOW TEMPERATURE

-15°C

## USE



Top layer membranes



Under layer membranes for discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ARTICA MINERAL PL 3,5 KG	-	3,5	1 x 10	33	330
ARTICA MINERAL PL 4 KG	-	4	1 x 10	30	300
ARTICA MINERAL PL 4,5 KG	-	4,5	1 x 10	27	270

# ARTICA PL

## COMPOUND

The ARTICA membranes are manufactured with two distinct types of polymer-bitumen compound. The compound making up the waterproofing mass of the outside surface, with a flexibility of -15°C, is made up of a mix of empty residual distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic compatibilizers and stabilizing inert fillers. The compound is UV-resistant and thermally stable. The adhesive mass of the inside surface is made up of a mix of empty residual distilled bitumen modified with thermoplastic rubber based on radial, linear, isoprenic elastomers, hydrocarbon resins and synthetic compatibilizers that make it extremely flexible at low temperatures reaching -25°C and stick by simple pressure.

## REINFORCEMENT

The reinforcement used for ARTICA PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product very good mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ARTICA PL membrane is treated on the upper side with a PE polymeric film. The lower side is finished with silicone film to be removed during the application.

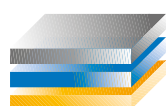
## LAYING METHOD

On the clean, smooth and dry laying surface, possibly treated to promote adhesion with solvent-based or water-based primer, the membrane is applied by removing the silicone-coated films and applying adequate pressure both on the running part and on the overlaps. In the presence of temperatures below +15°C (or of material stored for a long time) it may be necessary to slightly heat the membrane with special hot air burners to promote adhesion. In vertical applications, fix the head of the waterproof sheet with mechanical fasteners and protect it with a metal flashing. Side overlaps of at least 10 cm and front overlaps of at least 15 cm must be provided.

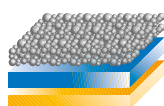
## FLEXIBILITY AT LOW TEMPERATURE

-15°C

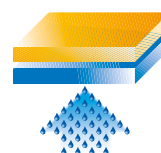
## USE



Under and middle layer membranes



Under heavy protection membranes



Membranes against humidity from soil

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ARTICA PL 1,5 MM	1,5	-	1 x 15	27	405
ARTICA PL 1,7 MM	1,7	-	1 x 15	27	405
ARTICA PL 2 MM	2	-	1 x 15	27	405
ARTICA PL 3 MM	3	-	1 x 10	30	300
ARTICA PL 4 MM	4	-	1 x 10	25	250

# ARTICA VV

## COMPOUND

The ARTICA membranes are manufactured with two distinct types of polymer-bitumen compound. The compound making up the waterproofing mass of the outside surface, with a flexibility of -15°C, is made up of a mix of empty residual distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic compatibilizers and stabilizing inert fillers. The compound is UV-resistant and thermally stable. The adhesive mass of the inside surface is made up of a mix of empty residual distilled bitumen modified with thermoplastic rubber based on radial, linear, isoprenic elastomers, hydrocarbon resins and synthetic compatibilizers that make it extremely flexible at low temperatures reaching -25°C and stick by simple pressure.

## REINFORCEMENT

The reinforcement used for ARTICA VV membranes is made up of a reinforced glass fiber which gives to the product good mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ARTICA VV membrane is treated on the upper side with a PE polymeric film. The lower side is finished with silicone film to be removed during the application.

## LAYING METHOD

On the clean, smooth and dry laying surface, possibly treated to promote adhesion with solvent-based or water-based primer, the membrane is applied by removing the silicone-coated films and applying adequate pressure both on the running part and on the overlaps. In the presence of temperatures below +15°C (or of material stored for a long time) it may be necessary to slightly heat the membrane with special hot air burners to promote adhesion. In vertical applications, fix the head of the waterproof sheet with mechanical fasteners and protect it with a metal flashing. Side overlaps of at least 10 cm and front overlaps of at least 15 cm must be provided.

## FLEXIBILITY AT LOW TEMPERATURE

-15°C

## USE



Under and middle layer membranes

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ARTICA VV 2 MM	2	-	1 x 15	27	405
ARTICA VV 3 MM	3	-	1 x 10	30	300
ARTICA VV 4 MM	4	-	1 x 10	25	250

# CHRONO MINERAL PL

## COMPOUND

The waterproofing compound of CHRONO membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for CHRONO MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product good mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The CHRONO MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

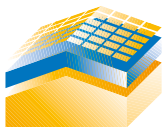
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

0°C

## USE



Under layer  
membranes for  
discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
CHRONO MINERAL 3,5 PL	-	3,5	1 x 10	36	360
CHRONO MINERAL 4 PL	-	4	1 x 10	30	300
CHRONO MINERAL 4,5 PL	-	4,5	1 x 10	27	270

# CHRONO MM PL

## COMPOUND

The waterproofing compound of CHRONO membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for CHRONO MM PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product good mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The CHRONO MM PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

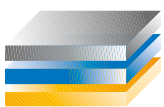
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

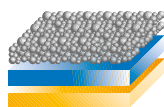
## FLEXIBILITY AT LOW TEMPERATURE

0°C

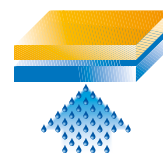
## USE



Under and middle layer membranes



Under heavy protection membranes



Membranes against humidity from soil

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
CHRONO MM 3 PL	3	-	1 x 10	36	360
CHRONO MM 4 PL	4	-	1 x 10	27	270

# CHRONO PL

## COMPOUND

The waterproofing compound of CHRONO membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and duly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for CHRONO PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product good mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The CHRONO PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

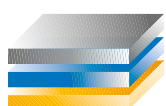
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

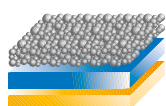
## FLEXIBILITY AT LOW TEMPERATURE

0°C

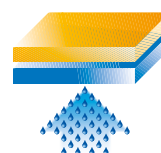
## USE



Under and middle layer membranes



Under heavy protection membranes



Membranes against humidity from soil

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
CHRONO 3 PL	-	3	1 x 10	36	360
CHRONO 4 PL	-	4	1 x 10	30	300



# CHRONO VV

## COMPOUND

The waterproofing compound of CHRONO membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and duly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for CHRONO VV membranes is made up of a reinforced glass fiber which gives to the product remarkable mechanical characteristics, sufficient breaking elongation, as well as excellent dimensional stability. Such characteristics allow to use these membranes on non-particularly stressed surfaces.

## OUTSIDE FINISHING

The CHRONO VV membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

0°C

## USE



Under and middle layer membranes

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
CHRONO 3 VV	-	3	1 x 10	36	360
CHRONO 4 VV	-	4	1 x 10	30	300

# EQUATOR MINERAL PL

## COMPOUND

The waterproofing compound of EQUATOR membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers. The compound is thermally stable, very elastic and particularly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for EQUATOR MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product high mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The EQUATOR MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

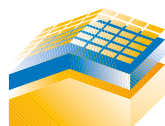
## FLEXIBILITY AT LOW TEMPERATURE

-20°C

## USE



Top layer membranes



Under layer membranes for discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
EQUATOR MINERALE 4 PL	-	4	1 x 10	30	300
EQUATOR MINERALE 4,5 PL	-	4,5	1 x 10	27	270

# EQUATOR PL

## COMPOUND

The waterproofing compound of EQUATOR membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers. The compound is thermally stable, very elastic and particularly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for EQUATOR PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product high mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The EQUATOR PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

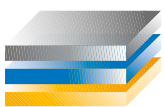
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

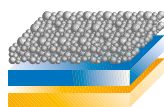
## FLEXIBILITY AT LOW TEMPERATURE

-20°C

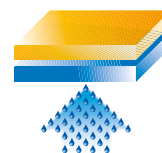
## USE



Under and middle layer membranes



Under heavy protection membranes



Membranes against humidity from soil

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
EQUATOR 3 PL	3	-	1 x 10	33	330
EQUATOR 4 PL	4	-	1 x 10	27	270

# NADIR MINERAL PL

## COMPOUND

The waterproofing compound of NADIR membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for NADIR MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product high mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The NADIR MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

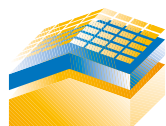
## FLEXIBILITY AT LOW TEMPERATURE

-10°C

## USE



Top layer membranes



Under layer membranes for discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
NADIR MINERAL 3,5 PL	-	3,5	1 x 10	33	330
NADIR MINERAL 4 PL	-	4	1 x 10	30	300
NADIR MINERAL 4,5 PL	-	4,5	1 x 10	27	270

# NADIR PL

## COMPOUND

The waterproofing compound of NADIR membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for NADIR PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product particular mechanical characteristics, adequate breaking elongation, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The NADIR PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

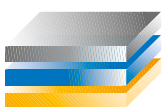
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

-10°C

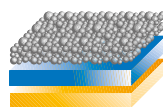
## USE



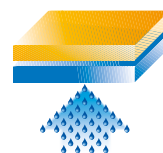
Under and middle layer membranes



Top layer membranes



Under heavy protection membranes



Membranes against humidity from soil

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
NADIR 3 PL	3	-	1 x 10	33	330
NADIR 4 PL	4	-	1 x 10	27	270

# ORIENT MINERAL PL

## COMPOUND

The waterproofing compound of ORIENT membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers. The compound is thermally stable, very elastic and particularly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for ORIENT MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product adequate mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ORIENT MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

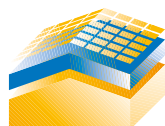
## FLEXIBILITY AT LOW TEMPERATURE

-15°C

## USE



Top layer membranes



Under layer membranes for discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ORIENT MINERAL 4 PL	-	4	1 x 10	30	300
ORIENT MINERAL 4,5 PL	-	4,5	1 x 10	27	270
ORIENT MINERAL 5 PL	-	5	1 x 8	25	200

# ORIENT PL

## COMPOUND

The waterproofing compound of ORIENT membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers. The compound is thermally stable, very elastic and particularly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for ORIENT PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product adequate mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ORIENT PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

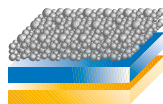
## FLEXIBILITY AT LOW TEMPERATURE

-15°C

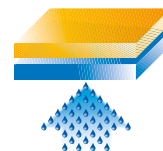
## USE



Under and middle layer membranes



Under heavy protection membranes



Membranes against humidity from soil

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ORIENT 3 PL	-	3	1 x 10	36	360
ORIENT 4 PL	-	4	1 x 10	30	300

# POLARIS MINERAL PL

## COMPOUND

The waterproofing compound of POLARIS membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for POLARIS MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product excellent mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The POLARIS MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

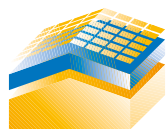
## FLEXIBILITY AT LOW TEMPERATURE

-15°C

## USE



Top layer membranes



Under layer membranes for discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
POLARIS MINERAL 4 PL	-	4	1 x 10	30	300
POLARIS MINERAL 4,5 PL	-	4,5	1 x 10	27	270



# POLARIS PL

## COMPOUND

The waterproofing compound of POLARIS membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and duly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for POLARIS PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product excellent mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The POLARIS PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

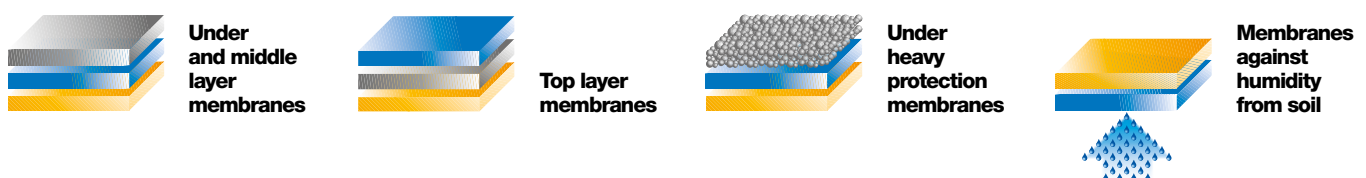
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

-15°C

## USE



PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
POLARIS 3 PL	3	-	1 x 10	33	330
POLARIS 4 PL	4	-	1 x 10	27	270

# POLARIS SPECIAL MINERAL

## COMPOUND

The waterproofing compound of POLARIS SPECIAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and duly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for POLARIS SPECIAL MINERAL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product adequate mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The POLARIS SPECIAL MINERAL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

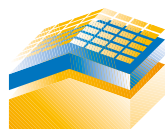
## FLEXIBILITY AT LOW TEMPERATURE

-15°C

## USE



Top layer membranes



Under layer membranes for discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
POLARIS SPECIAL MINERAL 4 PL	-	4	1 x 10	30	300
POLARIS SPECIAL MINERAL 4,5 PL	-	4,5	1 x 10	27	270

# POLARIS SPECIAL PL

## COMPOUND

The waterproofing compound of POLARIS SPECIAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for POLARIS SPECIAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product excellent mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The POLARIS SPECIAL PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

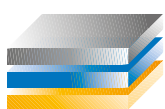
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

-15°C

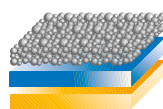
## USE



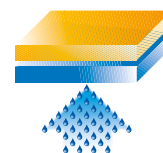
Under and middle layer membranes



Top layer membranes



Under heavy protection membranes



Membranes against humidity from soil

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
POLARIS SPECIAL 3 PL	3	-	1 x 10	33	330
POLARIS SPECIAL 4 PL	4	-	1 x 10	27	270

# ZENITH MINERAL PL

## COMPOUND

The waterproofing compound of ZENITH membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for ZENITH MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product sufficient mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ZENITH MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

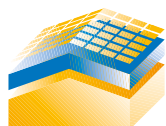
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

-5°C

## USE



Under layer  
membranes for  
discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ZENITH MINERAL 3,5 PL	-	3,5	1 x 10	36	360
ZENITH MINERAL 4 PL	-	4	1 x 10	30	300
ZENITH MINERAL 4,5 PL	-	4,5	1 x 10	27	270

# ZENITH MINERAL PL 51

## COMPOUND

The waterproofing compound of ZENITH MINERAL PL 51 membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and duly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for ZENITH MINERAL PL 51 membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product adequate mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally highly stressed surfaces.

## OUTSIDE FINISHING

The ZENITH MINERAL PL 51 membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used. All self-protected slate bitumen membranes are subject to variations in color due to exposure to atmospheric agents. However, these variations will tend to gradually become uniform over time.

## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

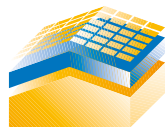
## FLEXIBILITY AT LOW TEMPERATURE

-5°C

## USE



Top layer  
membranes



Under layer  
membranes for  
discontinuous roofing

PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ZENITH MINERAL 4 PL 51	-	4	1 x 10	30	300
ZENITH MINERAL 4,5 PL 51	-	4,5	1 x 10	27	270

# ZENITH Kg PL

## COMPOUND

The waterproofing compound of ZENITH membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and duly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for ZENITH Kg PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product good mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ZENITH Kg PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

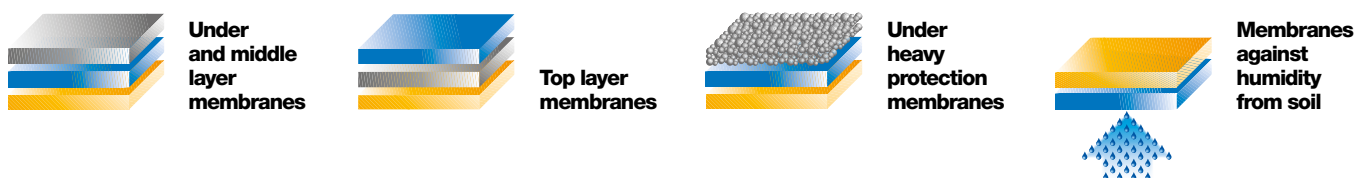
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

-5°C

## USE



PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ZENITH 3 Kg PL	-	3	1 x 10	36	360
ZENITH 4 Kg PL	-	4	1 x 10	30	300

# ZENITH PL

## COMPOUND

The waterproofing compound of ZENITH membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and duly flexible at low temperatures.

## REINFORCEMENT

The reinforcement used for ZENITH PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product good mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

## OUTSIDE FINISHING

The ZENITH PL membrane is treated on the upper side with non-stick filler; other finishings such as polymeric film and non-woven may also be used. The lower side is finished with PE torch-on film; other finishings such as aggregate, polymeric films, non-woven non-stick polymers may also be used.

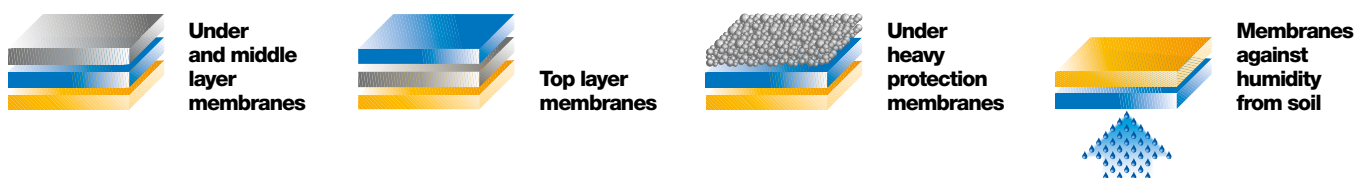
## LAYING METHOD

The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with solvent based primer or with water based primer. The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm on the sides and 15 cm on top so that the roofing watertightness is granted.

## FLEXIBILITY AT LOW TEMPERATURE

-5°C

## USE



PRODUCT	THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	ROLL DIM. (m) width x length	ROLLS per PALLET	m <sup>2</sup> per PALLET
ZENITH 3 PL	3	-	1 x 10	36	360
ZENITH 4 PL	4	-	1 x 10	27	270



**Nuova  Meridiana**

Nuova Meridiana S.r.l.

Head Office: 50041 Calenzano (FI) - Via di Le Prata, 103 - Tel 055/328041 Fax 055/300300  
Production Plan: 60012 Trecastelli (AN) - Via Del Bosco, 27 - Tel. 071/7950336 Fax 071/7950051  
[www.nuovameridiana.it](http://www.nuovameridiana.it) - [info@nuovameridiana.it](mailto:info@nuovameridiana.it)