

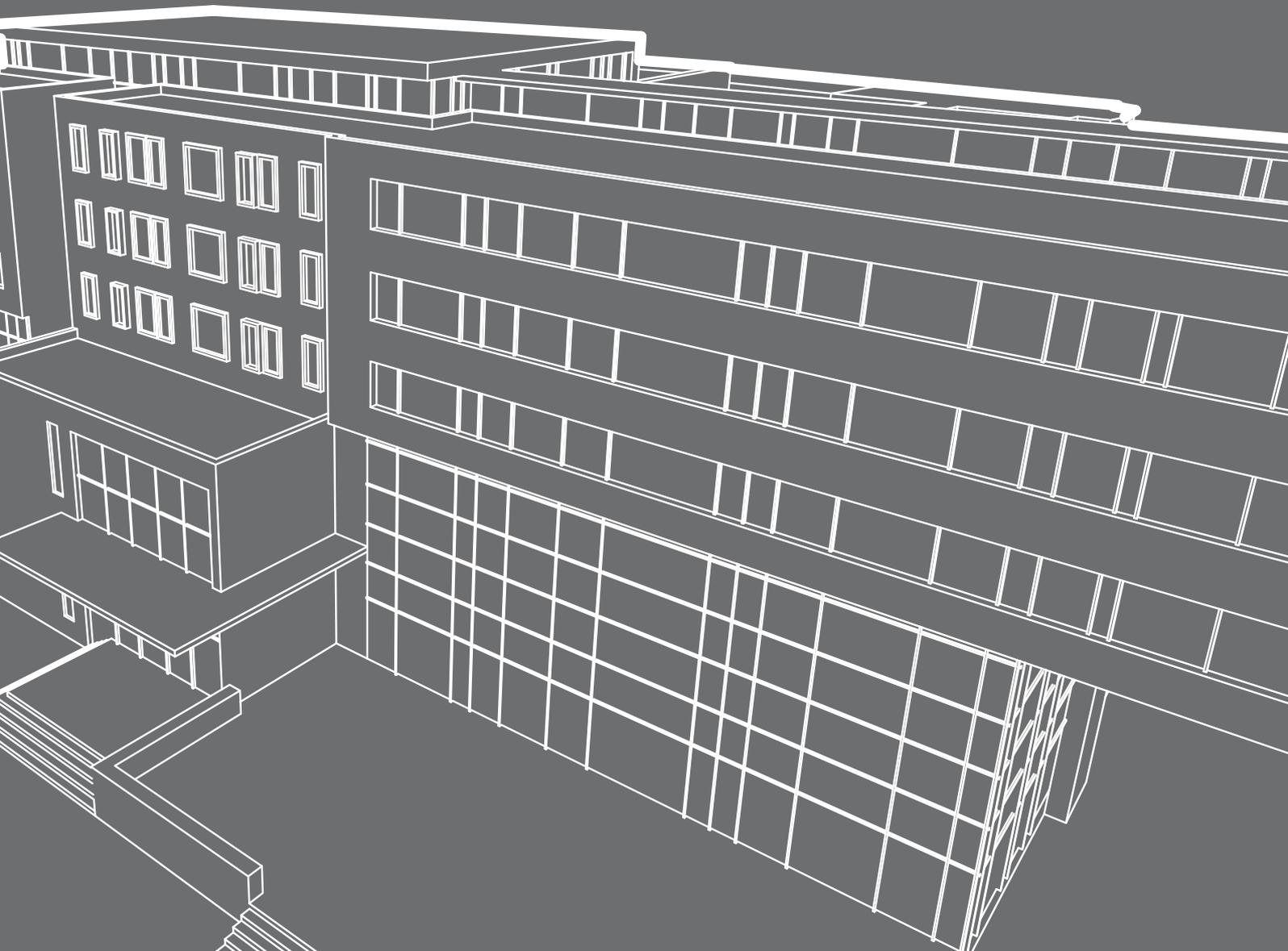
**TECHNO  
NICOL**

CONSTRUCTION  
SYSTEMS

**ITALIANA®  
MEMBRANE**

# POLYMER-BITUMEN MATERIALS

Producer of waterproofing and insulation  
materials for the building industry



ELASTOMERIC MEMBRANES – SBS

**SCUDOELAST P 4** is a premium SBS modified bitumen membrane.

It incorporates the features of a composite reinforcement spunbond polyester / fiber glass. This product is available with smooth (**thickness: 4 mm**) or mineral surface (**thickness: 4 mm on selvedge**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) on request. For the smooth version the use of a cap membrane or specific coating is required. The product has obtained ITC and BBA certificates.



-25 °C



**DELTAELAST P** is a high quality SBS modified bitumen membrane.

It incorporates the features of a composite reinforcement polyester mat / fiber glass. This product is available with smooth (**thickness: 3 - 4 - 5 mm**) or mineral surface (**weight: 4 - 4.5 - 5 kg/m²**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-20 °C



**DELTAELAST P FR** (B roof + t1) is a fire-resistant, SBS modified bitumen membrane with fire-retardant additives.

It incorporates the features of a composite reinforcement polyester mat / fiber glass. This product is available with smooth (**thickness: 3 - 4 - 5 mm**) or mineral surface (**weight: 4 - 4.5 - 5 kg/m²**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-20 °C



**ECOELAST P** is a SBS modified bitumen membrane.

It incorporates the features of a composite reinforcement polyester mat / fiber glass. This product is available with smooth (**thickness: 3 - 4 - 5 mm**) or mineral surface (**weight: 4 - 4.5 - 5 kg/m²**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-20 °C



**BETAGUM** is a SBS modified bitumen membrane.

It incorporates the features of a composite reinforcement polyester mat / fiber glass (**BETAGUM P**) or a strong fiber glass mat reinforcement (**BETAGUM V**). This product is available with smooth (**weight: 3 - 4 - 5 kg/m²**) or mineral surface (**weight: 4 - 4.5 - 5 kg/m²**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-15 °C



SELF-ADHESIVE MODIFIED BITUMEN MEMBRANES

**SCUDOTENE P** is a self-adhering SBS modified bitumen membrane, reinforced with a high-strength polyester mat.

This smooth surface (**thickness: 2-3 mm**) underlayment is coated on top with polyethylene film and is protected on the bottom by a silicone release film. The mineral surface cap membrane is available in **3.5 and 4 kg/m² weight**.



-25 °C



**SCUDOTENE BV ALU** is a self-adhering SBS modified bitumen membrane, reinforced with fiber glass mat and aluminium foil, suitable for use as a vapour barrier.

This smooth surface (**thickness: 2 mm only**) membrane is coated on top with polyethylene film and is protected on the bottom by a silicone release film.



-25 °C



**SCUDOTENE PLUS P** is a unique self-adhering APP/SBS modified bitumen membrane reinforced with a non-woven polyester mat.

The dual compound, plastomeric on top and elastomeric on the bottom, provides the best performances from both polymers. This smooth surface (**thickness: 3 mm**) underlayment is coated on top with polyethylene film and is protected on the bottom by a silicone release film. The mineral surface cap membrane is available in **3.5 and 4 kg/m² weight**.



-20 °C



SPECIAL MODIFIED BITUMEN MEMBRANE

**SCUDOPLUS P** is a unique self-adhering APP/SBS modified bitumen membrane reinforced with a composite reinforcement non-woven polyester / fiber glass.

The dual compound, plastomeric on top and elastomeric on the bottom, provides the best performances from both polymers. This product is available with smooth (**thickness: 4 mm**) or natural grey coloured mineral surface (**weight: 4.5 kg/m²**).

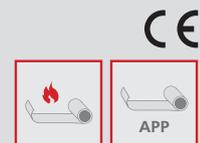


-25 °C



**SCUDOPLAST 2 - 250** is a premium quality APP modified bitumen membrane.

It incorporates the features of a double reinforcement: fiber glass mat and spunbond non woven polyester, they provide excellent dimensional stability and mechanical performance. **SCUDOPLAST 2 - 250 FR** (B roof + t1) has same characteristics as above furthermore with fire-retardant additives. These products are available with smooth surface (**thickness: 4 - 5 mm**).

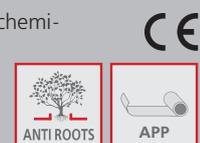


-20 °C



**SCUDOGARDEN PP** is a high-quality APP modified bitumen membrane with Preventol additives, a specific chemical substance with anti-roots properties.

It incorporates the features of a spunbond non woven polyester with high puncture resistance. This product is available with smooth surface (**thickness: 4 mm**).



-10 °C



**ARMODREN P** is an APP modified bitumen membrane.

It incorporates the features of a spunbond non woven polyester with high puncture resistance. The upper side presents bumps which enable the water to be drained in foundations or vertical walls. This product is available with **5 kg/m² weight**.



-10 °C



**SCUDOPLAST CAR** is a premium quality APP modified bitumen membrane, It incorporates the features of a tough spunbond non woven polyester, it provides excellent mechanical performances. The product is suitable for bridge decks, viaducts and car parks. It is available with **4 and 5 mm thickness**.



-15 °C



**SCUDOVAPOR** is an APP modified bitumen membrane. It incorporates the features of a fiber glass mat and aluminium foil, suitable for use as a vapour barrier under thermal insulation. The product is available also with SBS modified bitumen (cold flexibility -15°C). It is supplied in **2-3 -4 mm thickness**.



-10 °C



**FIX POINT ALU** is an APP modified bitumen membrane. It incorporates the features of a fiber glass mat and aluminium foil, suitable for use as a vapour barrier. The upper side presents bumps which enable the insulation boards to be installed using heat-welding application. This product is available with **4 kg/m<sup>2</sup> weight**. **FIX POINT V**, same compound and the upper surface with bumps as above, is reinforced with fiber glass mat, suitable for use as a vapour retarder. It is available in **3 and 4 kg/m<sup>2</sup>**.



-10 °C



**DIFO POINT ALU** is an APP modified bitumen membrane. It incorporates the features of a fiber glass mat and aluminium foil. It is a coated membrane with the bottom patterned by bumps in such a way as to provide channels for moisture vapour to travel. Furthermore is suitable for use as a vapour barrier. This product is available with **4 kg/m<sup>2</sup> in weight only**.



-10 °C



**SCUDOCENE M25** is a premium quality membrane made of distilled bitumen and elastomeric poly-olefines (POE). It incorporates the features of a composite reinforcement spunbond polyester / fiber glass. This product based on co-polymers provides the best performances from both APP and SBS, it is I.T.C. approved for single ply application. This product is available with smooth (**thickness: 4 mm**) or mineral surface (**thickness: 4 mm on selvedge**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-25 °C



**SCUTUMPLAST P** is an high - quality APP modified bitumen membrane. It incorporates the features of a composite reinforcement spunbond non woven polyester / fiber glass, it provides excellent dimensional stability. This product is available with smooth (**thickness: 4 mm**) or mineral surface (**thickness: 4 mm on selvedge**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-20 °C



**SCUTUMPLAST BIARMATO** is a premium quality APP modified bitumen membrane. It incorporates the features of a double reinforcement: heavy fiber glass mat and durable spunbond non woven polyester, which provide excellent dimensional stability, high tensile strength, toughness and puncture resistance. This product, available with smooth surface (**thickness: 4 mm**), it is I.T.C. approved for single ply application.



-20 °C



**SCUDOPLAST FCTR 180** is an high quality APP modified bitumen membrane. It incorporates the features of a spunbond non-woven polyester reinforcement. This product is available with smooth (**thickness: 4 - 5 mm**) or mineral surface (**weight: 4 - 4.5 - 5 kg/m<sup>2</sup>**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-15 °C



**DELTAPLAST P** is an APP modified bitumen membrane, suitable for residential and industrial roofing systems. It incorporates the features of a composite reinforcement polyester mat / fiber glass. This product is available with smooth (**thickness: 3 - 4 - 5 mm**) or mineral surface (**weight: 4 - 4.5 - 5 kg/m<sup>2</sup>**). The top has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-10 °C



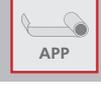
**TROPICAL P** is an APP modified bitumen membrane, suitable for residential and commercial roofing systems. It incorporates the features of a composite reinforcement polyester mat / fiber glass. This product is available with smooth (**weight: 3 - 4 - 5 kg/m<sup>2</sup>**) or mineral surface (**weight: 3.5 - 4 - 4.5 kg/m<sup>2</sup>**). **TROPICAL V** incorporates the features of a fiber glass mat reinforcement, is available with smooth (**weight: 3 - 4 kg/m<sup>2</sup>**) or mineral surface (**weight: 4 - 4.5 kg/m<sup>2</sup>**). The top for both products has a covering layer of natural grey slate chips, other colours (red, green, brown, white) upon request.



-5 °C



**OMEGA P** is an APP modified bitumen membrane, suitable for residential and commercial roofing systems. It incorporates the features of a composite reinforcement polyester mat / fiber glass. This product is available with smooth (**weight: 3 - 4 - 5 kg/m<sup>2</sup>**) or mineral surface (**weight: 3.5 - 4 - 4.5 kg/m<sup>2</sup>**). The top has a covering layer of natural grey slate chips. **OMEGA V** incorporates the features of a fiber glass mat reinforcement, suitable as an underlay is available with smooth surface (**weight: 3 - 4 kg/m<sup>2</sup>**) only.

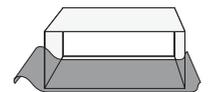
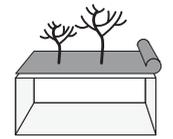
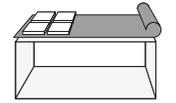
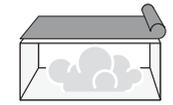


-0 °C



## MODIFIED BITUMEN WATERPROOFING MEMBRANES

- ELASTOMERIC MEMBRANES (SBS)
- PLASTOMERIC MEMBRANES (APP)
- SELF-ADHERING MEMBRANES
- DUAL COMPOUND SELF-ADHERING MEMBRANES (APP+SBS)
- ELASTOMERIC POLYOLEFINES MEMBRANES (POE)
- ANTI-ROOT MEMBRANES (ROOF GARDENS, FOUNDATIONS, TUNNELS)
- FIRE RESISTANT MEMBRANES
- SPECIAL MEMBRANES FOR BRIDGE DECKS, VIADUCTS, CAR PARKS
- RADON BARRIERS
- VAPOUR BARRIERS AND VAPOUR DIFFUSION LAYERS



## BITUMEN SHINGLE

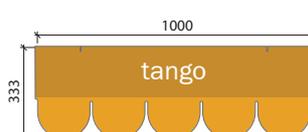
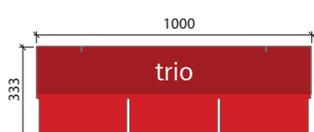
The SHINGLAS flexible bitumen tile is a versatile roofing material widely applied in construction and repair work for any roof configuration. The SHINGLAS tile production facility has implemented a quality management system certified as per international standard ISO 9001:2008, which ensures high quality end products.

The SHINGLAS flexible tile will give your home a superb designer appearance for many years to come.

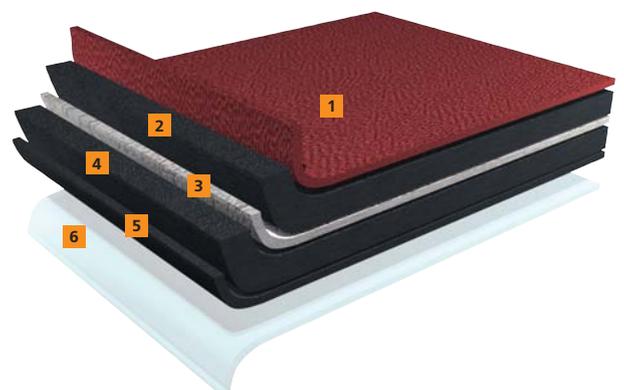
### TRIO SUPER



### TANGO SUPER



### SHINGLAS STRUCTURE:



1. Top layer: basalt dressing
2. Bitumen: improved
3. Base: glass web
4. Bitumen: improved
5. Bottom layer: frost-resistant self-adhesive bitumen-polymer compound
6. Protective layer: easily removable siliconized film

## HEAT INSULATION

ROLLS/PANELS LAMINATED TO POLYMERS MODIFIED BITUMEN WATERPROOFING MEMBRANES

### SCUDO THERM XPS

Heat insulation rolls/panels made of expanded extruded polystyrene. The membrane laminated to the insulation material can be supplied with either glass fibre or non-woven polyester reinforcement.



### SCUDO THERM EPS BOARD

Heat insulation panels made of expanded polystyrene. It is laminated to a polymer bitumen modified membrane reinforced with glass fibre and it has two selvedges.



### SCUDO THERM EPS

Heat insulation rolls made of expanded polystyrene. The membrane laminated to the insulation material can be supplied with either glass fibre or non-woven polyester reinforcement.



### SCUDO THERM GRECA

Shaped heat insulation panels made of expanded polystyrene. It is available in various densities, and is laminated to an elastoplastomeric membrane. Two sides of the board have step joints, to ensure perfect, stable positioning.



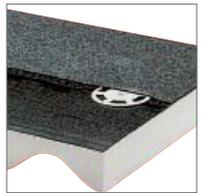
### SCUDO THERM PUR

Heat insulation rolls/panels made of expanded polyurethane. The membrane laminated to the insulation material can be supplied with either glass fibre or non-woven polyester reinforcement.

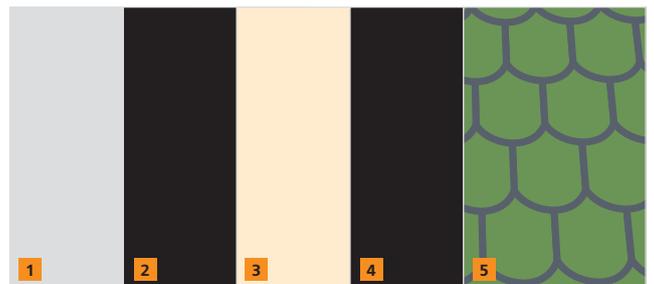


### SCUDO THERM ONDA

Shaped heat insulation panels made of expanded polystyrene. It is available in various densities, and is laminated to an elastoplastomeric membrane. Two sides of the board have step joints, to ensure perfect, stable positioning.



## ART IN ROOFING



1. PE film to be torched
2. Modified APP or SBS distilled bitumen
3. Composite carrier - spunbond non-woven polyester fabric reinforced by glassfibres
4. Modified app or sbs distilled bitumen
5. Ceramic coated mineral granules

### OPTIMAL RATIO "PRICE - QUALITY"

**SCUDOART** membranes allow a higher speed of application and better waterproofing results when compared with traditional roof coverings, i.e. shingles or tiles. **SCUDOART** membranes give you a great performance at a lower price.

### LIGHTWEIGHT

**SCUDOART** membranes, as they are lighter in weight when compared to shingles and tiles, are perfect for refurbishment of roofs of old buildings, whether they are constructed of brick-cement or wood.

### WIDE RANGE OF APPLICATIONS

**SCUDOART** membranes can be installed on all typical roof slopes, both commercial and residential, and can also be used in external vertical surfaces.

### RESULT - BEAUTIFUL ROOF

**SCUDOART** membranes provide the roof with an elegant finishing touch which blends perfectly with different architectural surroundings.

## SINGLE PLY SYNTHETIC MEMBRANES

### LOGICROOF V-RP

Roof waterproofing membrane for single ply mechanically fastened exposed flat roofs. LOGICROOF V-RP is a polyester reinforced multi-layer, obtained by co-extrusion, synthetic roof waterproofing membrane based on premium-quality plasticized polyvinyl chloride (PVC-P). The upper light layer is featured by a very high resistance to weather and UV rays, while the underlying black layer has a high resistance to puncture.

**Colors:** grey, red, green, blue, white.

**Features:**

- Outstanding resistance to weathering, including permanent UV radiation;
- Resistant to wind load;
- High resistance to impact and puncture;
- High tensile strength;
- Excellent flexibility at cold temperatures;
- High water vapour permeability.



### LOGICROOF T-SL

LOGICROOF T-SL is a homogenous unreinforced two-layer waterproofing membrane based on high-quality plasticized polyvinylchloride (PVC-P) with a bright-yellow top signal layer. It is used for waterproofing bridgeworks, tunnels, basements of buildings and foundations.

The surface is smooth, with TechnoNICOL logo; the top layer is an alarm, bright yellow; the bottom layer is black. All LOGICROOF membranes have a white labels identifying the membrane, its thickness, length and width.

**Features:**

- Signal layer;
- Fire-free method for installation;
- High resistance to ageing;
- High tensile strength and elongation;
- Service life no less than 60 years;
- Length of roll by request.



### LOGICROOF V-GR

is a membrane reinforced with glass fibre; it has increased resistance to punctures and impacts from sharp objects, which is necessary when executing ballasted and inverted roofs. This membrane has additional resistance to the impact of microorganisms.



### LOGICROOF WALKWAY PUZZLE

A walking path is used for maintenance of footpaths on the roofs, made of PVC membranes.

Available size 600 x 600 mm.

Thickness of 9.3 mm.

Packed on 100 items.



### LOGICROOF V-SR

is a special, highly elastic, non-reinforced membrane. It is designed for reinforcing the roof covering in the corners and sealing the joints between the roof and piping, antenna wires, equipment supports, etc. This membrane is easy to stretch after heating with hot air.

LOGICROOF membrane can be installed fast and easily – it is welded by hot air, using automatic equipment. The mounting of the material practically does not depend on weather conditions.

**LOGICROOF**<sup>®</sup>  
SINGLE PLY SYNTHETIC MEMBRANES

## ACOUSTIC INSULATION SYSTEMS FOR FLOORS AND WALLS

USING A "FLOATING FLOOR" TO INSULATE AGAINST NOISE WHEN WALKING

### FONOSCUDO /E

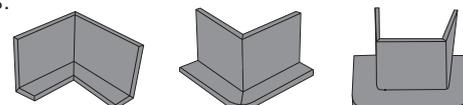
Acoustic insulation consisting of a triple layer:

- Heavyweight non-woven polyester fabric.
- A bituminous compound with sound-absorbing additives.
- Non-woven polypropylene fabric.

This product has an average thickness of around 8 mm, produced in rolls.

### FONOFOAM

A separating strip about 5 mm thick made of adhesive polyethylene foam (AD) or non-adhesive foam with tape. The strip is used to prevent contact between floating screeds and vertical walls.



### FONOTAPE

A strip of sound-absorbing elastomeric membrane with thickness of 4 mm, reinforced with non-woven polyester fabric. This strip is used to prevent the transmission of impact and vibration to the floor. It is installed under dividing walls.



FONOSCUDO /E



FONOTAPE



FONOFOAM

# SOLUTIONS FOR ASBESTOS-CEMENT MEMBRANES

## ELASTOCOVER

Waterproof encapsulating coating based on elastomeric resins in a water-based emulsion.



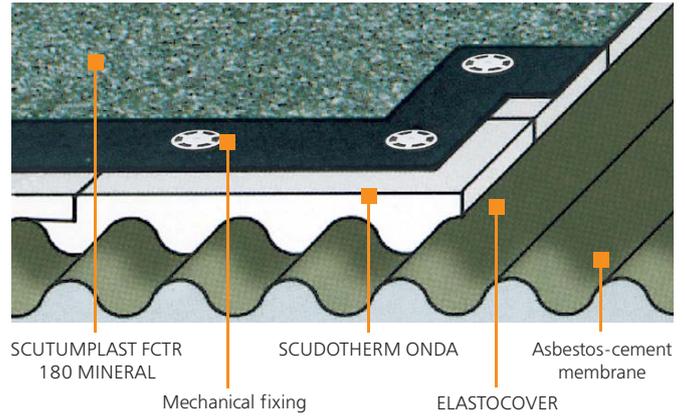
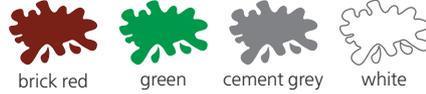
Packing:



Application method:



Available colours:



## VERFIX

Adhesive primer containing modified resins in a water-based emulsion.



Packing:



Application method:



Available colours:



# LIQUID PRODUCTS

## SCUDOFLEX

WATERPROOFING LIQUID MEMBRANE MADE OF ELASTOMERIC RESINS IN WATER EMULSION

### PRODUCT APPLICATION

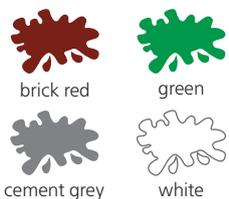


- Waterproofing of gutters, coverings in fretted membraneing and metal surfaces.
- Renovation of bituminous layers protected with natural mineral slate.
- Renovation of unprotected bituminous layers.
- Renovation of old surfaces in brick and cement.

Packing:



Available colours:



## SCUDOCOLOR

WATERPROOF PAINT VARNISH BASED ON MODIFIED SYNTHETIC RESINS IN WATER EMULSION

### PRODUCT APPLICATION

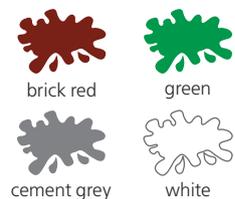
- Protection and colouring of old bituminous membranes (at least 3 months old).
- Immediate protection and colouring of bituminous membrane with polypropylene felt on top.
- Finishing and colouring of metal structures.
- Protection and colouring of rough and plastered exterior masonry work.
- Protection and colouring of cement precast structures.

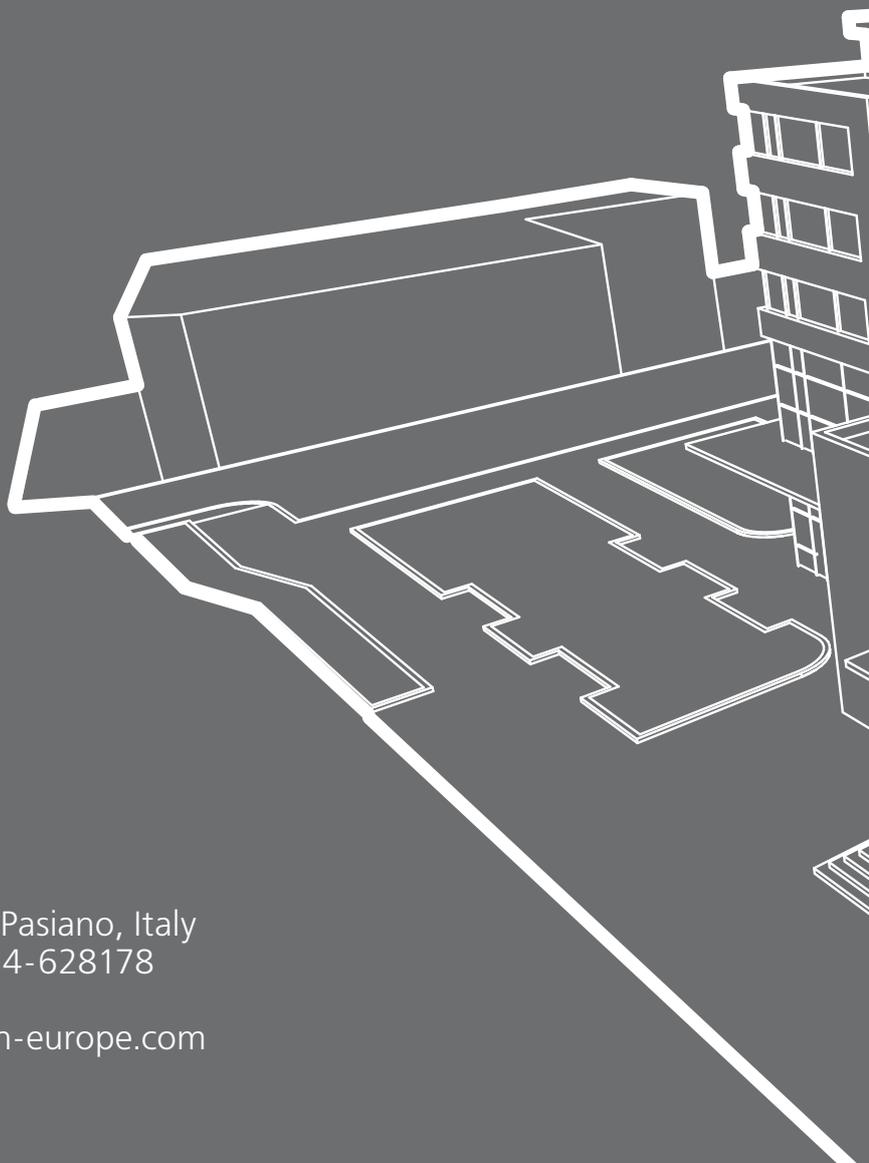


Packing:



Available colours:





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