























liquid
products catalogue
waterproofing systems





















2017 / 2018

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LEGEND FOR APPLICATIONS	
	A1. Step-steady flat roofs: flat roofs, solariums, terraces
	A2. Decks ≤ 30 sq.m.: balconies, flashings, gutters, etc.
	A3. Resurfacing of existing roofs: non-demolitive resurfacing of old bituminous membranes and paved decks
	A4. Pitched roofs
	A5. Roofs with complex structure
	A6. Wooden roofs
	A7. Bathrooms, showers, waterproofing for humid areas of the building
	A8. Retaining walls: foundation waterproofing under groundwater level
	A9. Sheet plate roofing
	A10. Primer/vapour barrier on concrete decks
	A11. Primer on bituminous and metal decks
	A12. Protective paints
	A13. Roofing that may be paved directly
	A14. Dust-proofing consolidating products
	A15. Flower boxes and earth retaining structures
	A16. Treatment of outdoor walls
	A17. Drive-over decks
	A18. Swimming pools and tubs for SPAs
	A19. Tiles bonding on bituminous underlay
	A20. Rising damp

LEGEND FOR SYMBOLS	
	For professional use only in accordance with the safety provisions set forth by REACH Regulations.
	Recommended for professional use (ref. systems)
	Environmentally-friendly product
	Solvent-based product
	Water-based product
	One-component product
	Two-component product
	Three-component product
	Roller
	Brush
	Spray gun
	Spatula
	Notched spatula
	Rubber Spatula
	Adjustable spatula
	Calibrated trowel

The above symbols are the same as those used in this catalogue and are used to explain some of the main characteristics of the products.

They provide specific, but not limiting, information on the type of product, its use and application method. Please contact the Technical Assistance Department of Casali's Synthetics Division for more detailed information.

Phone +39 071 9162095

E-mail: sintetici@casaligroup.it

Casali	p. 2
Guide to our systems and products	p. 4
Guide to our primers and reinforcements	p. 6
WATERPROOFING SYSTEMS	
1 ACRYROOF PLUS One-component waterproofing system, water-based, resistant to ponding areas and UV rays	p. 8
1 ACRYROOF PLUS FIBRO One-component fibre-reinforced waterproofing system, water-based, resistant to ponding areas and UV rays	p. 8
2 DERMACEM Two-component cement waterproofing colorable system	p. 10
2 DERMACEM FIBRO Two-component fibre-reinforced cement waterproofing colorable system	p. 10
3 DERMARUBBER S/P Solvent-based bituminous waterproofing system, root stop	p. 12
3 DERMARUBBER S Bituminous solvent-based, fibre-reinforced trowelable system, for waterproofing and gluing tiles	p. 12
4 POLYROOF Two-component polyurethane drive-over waterproofing system	p. 14
PRODUCTS	
REINFORCEMENTS AND ACCESSORIES FOR WATERPROOFING SYSTEMS	
ACRYFELT T1 Non-woven polyester fabric (60g./sq.m.) thermally fixed on one side	p. 18
ACRYFELT MESH PA reinforcement with honeycomb structure	p. 18
ACRYMAT 225 gr/sq.m Glass mat reinforcement	p. 19
ACRYNET 75 gr/sq.m Glass fibre reinforcement coated with anti-alkaline primer	p. 19
CASABAND SA Butyl rubber and TNT self-adhesive elastic band	p. 19
ACRYFELT BAND Non-woven band for perimeter and expansion joints	p. 20
TECHNOSEAL PU 600 One-component polyurethane sealant with high-elasticity modulus	p. 20
LIQUID WATERPROOFING	
1 ACRYROOF PLUS Synthetic resin-based one-component liquid waterproofing in water dispersion resistant to ponding areas and UV rays	p. 21
1 ACRYROOF PLUS FIBRO Synthetic resin-based one-component fibre-reinforced liquid waterproofing in water dispersion resistant to ponding areas and UV rays	p. 21
2 DERMACEM Two-component cement and synthetic polymer based colorable liquid waterproofing	p. 22
2 DERMACEM FIBRO Two-component cement and synthetic polymer based fibre-reinforced colorable liquid waterproofing	p. 22
DERMARUBBER Elasto-bituminous liquid waterproofing in water emulsion	p. 23
3 DERMARUBBER S/P Solvent-based elastomer liquid waterproofing, root stop	p. 23
3 DERMARUBBER S Solvent based fibre-reinforced bituminous paste, for waterproofing and gluing tiles at the same time	p. 23
DERMAFOND RB Self-protected trowelable waterproofing for retaining walls and foundations	p. 24
PORISTOP Polyurethane paste filler for smoothing porous or asphalt decks	p. 24
POLYROOF Drive-over two-component self-levelling polyurethane liquid waterproofing	p. 24
ACRYROOF Coloured synthetic resin-based liquid waterproofing in water emulsion with high elasticity properties and internal plasticization	p. 25
ACRYRUBBER Coloured liquid waterproofing	p. 25
RAINPROOF Transparent two-component polyurethane waterproofing for terraces and balconies	p. 26
SILVISOL Solvent-based water-repellent with pearlescing effect for vertical and horizontal decks	p. 26
SILOFOND Siloxane resin-based water repellent for chemical injections	p. 26
CONSOLIDATING PRIMERS - ADHESION ADJUVANTS - VAPOUR BARRIER	
ACRYBASE Acrylic primer in water emulsion for decks pre-treated with acrylic resin	p. 27
ACRYBASE S Acrylic primer solvent-based for metal, bituminous or non-absorbing decks	p. 27
EPOBASE Two-component solvent-free epoxy binder and primer	p. 28
EPOBASE A Two-component epoxy water-based primer and dustproof consolidating agent for cement decks	p. 28
EPOBASE S Two-component epoxy solvent-based primer and dustproof consolidating agent for cement decks	p. 28
HARDER AR Highly penetrating UV-resistant polyurethane resin-based dustproof consolidating agent	p. 29
MULTIFIXO 100 One-component primer for plaster, mortar, smoothing coats, finishes, resins and liquid waterproofing	p. 29
EPOBASE FU 14 Two-component epoxy primer for damp decks and adhesive for construction joints	p. 30
EPOCON 312 TIXO Three-component epoxy-cement coating in water dispersion for damp decks	p. 30
PAINTS AND PROTECTIVE COATINGS	
DERMACOLOR Synthetic paint in water emulsion for bituminous membranes	p. 31
DERMACOLOR COOL ROOF Synthetic high-reflectance paint in water emulsion for bituminous membranes and metal decks	p. 31
POLYTOP Drive-over polyurethane solvent-based scratch resistant finish for polyurethane and epoxy resin systems	p. 32
ACRYTOP Abrasive-proof step-steady layer for liquid acrylic waterproofing and bituminous membranes	p. 32
POOLCOLOR EVO Chlorine-resistant paint for concrete swimming pools	p. 33
COLORPARK AC Synthetic resin-based finish for colouring and protecting drive-over decks, A.N.A.S comply	p. 33
COLORPARK LEVEL Middle smoothing layer of the drive-over Colorpark system	p. 33
PASTEDIL EP 11 Two-component epoxy-polyurethane glue / stucco	p. 34
TOOLS	
	p. 34
ADDITIVES AND THINNERS	
BI FIX Concentrated all-purpose adhesive and waterproofing additive for mortars	p. 35
DIL A1 Solvent for polyurethane resins	p. 35
DIL R1 Mineral turpentine-based solvent	p. 35
DIL S1 Synthetic solvent	p. 35
Packaging and labelling	p. 36

CASALI



Since 1936,
research,
quality,
technology,
experience,
service
and support,
to provide the best
cutting-edge
solutions for the
building industry.

In one hundred countries all over the world, including Italy, Casali is a benchmark brand synonymous of quality, professionalism and technical assistance in the building industry. Casali, who was founded in 1936 to protect buildings from water damage, is committed to finding the best and most innovative solutions to meet the requirements of the latest building techniques and preserve the natural environment which is an invaluable resource for man. In our long history we have acquired truly unique experience in the production of reliable products and systems designed to resolve even the complex building problems, initially those related to waterproof and later with a range that included sound proofing products and high performance sports surfaces.

Casali's four divisions (Membranes, Synthetics, Synthetic Geomembranes and Acoustics), represent a customer-focused company that relies on outstanding product specialization. The historical Membrane Division is responsible for following lines: the line of modern modified-bitumen based APP-SBS prefabricated membranes especially formulated for roofing and large structures, the special applications membrane line (root-stop membranes, flame retardant membranes, vapour/radon barriers, self-protected metal lamina membranes, etc.) and the line of thermal insulation waterproofing systems. The Synthetics Division, which was founded in 1992, is responsible for liquid waterproofing products (Building Industry Line), the asbestos incapsulating product line, and the industrial resin flooring and sports flooring lines (recognised as the best in the sporting world). Finally, the Synthetic Geomembranes Division includes an innovative line of environmentally-friendly polyolefin TPO waterproofing systems for buildings and large structures, while the Acoustics Division includes the line of products to soundproof buildings against airborne and impact noise (footsteps), to ensure perfect acoustic comfort in buildings.

The Casali world guarantees the best technology and materials of the highest quality, all of which undergo strict testing.

Casali's company process obtained UNI EN ISO 9001 certification in 1996 and we currently have a certified CE mark certification system. The numerous certifications, classifications and approvals obtained by Casali from national and international bodies in the many Countries on whose markets the Company operates, confirm the excellence and durability of Casali products, which in the case of Casali Enduring Quality waterproofing membranes was confirmed in systems that are still efficient after 35 years.

Casali's 25,000 sq.m. production facility (11,000 sq.m. under roofing), is strategically located in Italy in an area between Ancona airport, the Falconara Marittima railway station and Ancona port.

Cutting-edge technology, innovative facilities and constant attention to customer needs are the cornerstones of our company philosophy that revolves around people with their personal traits and professional skills. This is what makes our research work, project planning, products and services so very successful, allowing to offer the right solution to traditional problems as well as to the problems that are emerging from the rapidly developing building industry all over the world.



CASALI S.p.A.
z.i. C.I.A.F. 60015 Castelferretti (AN)
tel. +39 071 9162095
fax +39 071 9162098
e-mail: info@casaligroup.it
www.casali-group.com



This is Casali's historical production division that develops products for the building industry and sports flooring industry. The Division has four product lines that are developed exclusively for specialised professional applications: the building industry line, the industrial flooring line, the sports flooring line and the asbestos removal and encapsulation line.

THE BUILDING INDUSTRY LINE

The Building Industry Line is Casali's liquid waterproofing product front line that offers a wide range of alternative and/or complementary solutions for the waterproofing systems commonly used on construction sites.

The materials used in Casali's Building Industry line are constantly tested by its *Research & Development laboratory*, both in different weather conditions and on complex structures; this is particularly important in the case of liquid waterproofing (bitumen, acrylic, epoxy, polyurethane), that is often subject to mechanical stresses, in order to ensure the highest level of reliability when used in the countries all over the world. The line includes package systems such as Acryroof Plus, Acryroof Plus Fibro, Demacem, Demacem Fibro, Dermarubber S/P and Polyroof, that offer contractors highly professional waterproofing solutions with polymers, elastomers, and polyurethane resins of outstanding quality. Protective paints for bituminous membranes (aluminium, acrylic) and concrete decks (dustproofing, anti-abrasion treatments or coatings that are highly resistant to chemicals) and special glues for the building industry and road works, complete the range.

Casali's range of waterproofing products is certified by UNI EN 1504-2 (CE mark) and UNI EN 14891.

THE SPORTS FLOORING LINE - CASALISPORT

Casali's sports flooring line offers a wide range of products and systems that are certified and classified by international bodies for indoor and outdoor sports surfaces such as tennis courts, 5-A-Side football, gyms, cycling lanes, multi-purpose courts as well as glues for synthetic grass, binders for athletics tracks, etc. (*visit the website www.casalisport.com*).

THE INDUSTRIAL FLOORING LINE

The industrial line offers professional products formulated with components of the highest quality to protect cement and other types of floors in factories, workshops and stores. The line includes a complete range of filmforming, multi-layer, self-levelling systems and epoxy screeds (if necessary please request a copy of the technical documents from the *Technical Servicing Department of Casali's Synthetic Division*).

THE ASBESTOS ENCAPSULATION AND REMOVAL LINE

The products in the asbestos encapsulation line are developed in strict compliance with European and International laws which indicate the minimum thickness of all types of encapsulating products. Casali's solution to the asbestos abatement requirements of the building industry is a line of specialised materials certified by accredited laboratories that are tested and used by leading companies in this industry.





The importance of waterproofing

Exposed roof of a residential, commercial and/or industrial building, must be protected from weather agents, by ensuring their watertightness and efficiency.

All Casali waterproofing systems have been developed to ensure a total protection of any kind of deck, from structural and environmental stress.

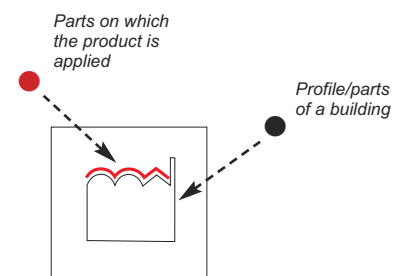
Why use a liquid waterproofing product?

Because synthetic liquid products especially formulated to protect buildings from water:

- are the **perfect solution for decks with a complex structure**
- **do not require bonding and have no joints**; the end result is **seamless waterproofing**
- may be **cold laid in complete safety** because no torching is required
- **resolve the problem of thickness**: the waterproofing is not thick and may be tiled over
- are **ideal for non-demolitive resurfacing** and offer a complete range of primers that ensure adhesion/application on any type of deck (ceramics, bitumen, polycarbonate, fibre glass, etc.)
- ensure a **beautiful finish** thanks to a wide range of coloured finishes (step-steady, drive-over, aesthetic, chemical-resistant, etc.)

ACRYROOF PLUS SYSTEM	UNI EN 14891 UNI EN 15842	CE	UNI EN 15842
ACRYROOF PLUS FIBRO SYSTEM	UNI EN 14891	CE	UNI EN 15842
DERMACEM SYSTEM	UNI EN 14891	CE	UNI EN 15842
DERMACEM FIBRO SYSTEM	UNI EN 14891	CE	UNI EN 15842
DERMARUBBER S/P SYSTEM		CE	UNI EN 15842
DERMARUBBER S SYSTEM		CE	UNI EN 15842
POLYROOF SYSTEM		CE	UNI EN 15842
ACRYBASE S			
ACRYROOF		CE	UNI EN 15842
ACRYTOP			
COLORPARK AC		A.N.A.S. COMPLY	
DERMACOLOR			
DERMACOLOR COOL ROOF			SRI 103,5
DERMAFOND RB		CE	UNI EN 15842
EPOBASE A / EPOBASE S			
EPOBASE FU 14 / EPOCON 312 TIXO			
HARDER AR			
POLYTOP			
RAINPROOF			
SILVISOL			
SILOFOND			
POOLCOLOR EVO			

NOTE: Key to the icons used in the table



HOW TO CHOOSE THE PRIMER

When working on irregular cement decks or decks subject to vapour pressure, the adhesion of the waterproofing system may not be efficient; Casali has developed a range of primers (adhesion primers, vapour barriers and damp proofing primers) to resolve this problem that make it possible to work on even the most difficult decks without having to demolish the existing deck.

Type of deck	Recommended primer	Waterproofing systems
Bituminous membrane	pg.27 ACRYBASE S	
Ceramic, polycarbonate, metal, fiber glass and any smooth non-absorbing deck	pg.29 MULTIFIXO 100	
Well-levelled deck subjected to vapour pressure	pg.30 EPOBASE FU 14	
Deck that requires levelling subjected to vapour pressure	pg.30 EPOCON 312 TIXO	
Unsound, not consolidated deck	pg.28 EPOBASE A	

HOW TO CHOOSE THE REINFORCEMENT

Reinforcement is of fundamental importance in a waterproofing system and should be chosen very carefully according to the type of deck, structure and use of the deck.

Type of deck	Reinforcement and Reinforcement Bands					
	ACRYFELT T1 60 g./sq.m.	ACRYMAT 225 g./sq.m.	ACRYNET 75 g./sq.m.	CASABAND SA	ACRYFELT BAND	ACRYFELT MESH
B1: Existing deck requiring non-demolitive resurfacing	●					●
B2: New decks with appropriately spaced expansion joints			●			●
B3: Perimeter and expansion joints				WATERPROOFING FOR RESIDENTIAL ROOFING	WATERPROOFING FOR INDUSTRIAL ROOFING	
B4: Drive-over decks		●			●	
B5: Complex structures with appropriately spaced expansion joints		●				●

NOTE: Reinforcement on pg. 18-19-20



ACRYROOF PLUS / ACRYROOF PLUS FIBRO

p. 8

DERMACEM / DERMACEM FIBRO

p. 10

DERMARUBBER S/P / DERMARUBBER S

p. 12

POLYROOF

p. 14

ACRYROOF PLUS / PLUS FIBRO

SYSTEM

One-component waterproofing system, water-based, resistant to ponding areas and UV rays



- ▶ One-component, ready-for-use
- ▶ Resistant to ponding areas
- ▶ Easy, versatile application: roller, brush, airless sprayer
- ▶ UV resistant
- ▶ Directly tileable (EN 14891)
- ▶ Available in different colours
- ▶ Elastic: elongation 300% ± 60%
- ▶ Ideal for non-demolitive resurfacing
- ▶ The Acryroof Plus Fibro version is fibre-reinforced and does not require reinforcement

ACRYROOF PLUS SYSTEM

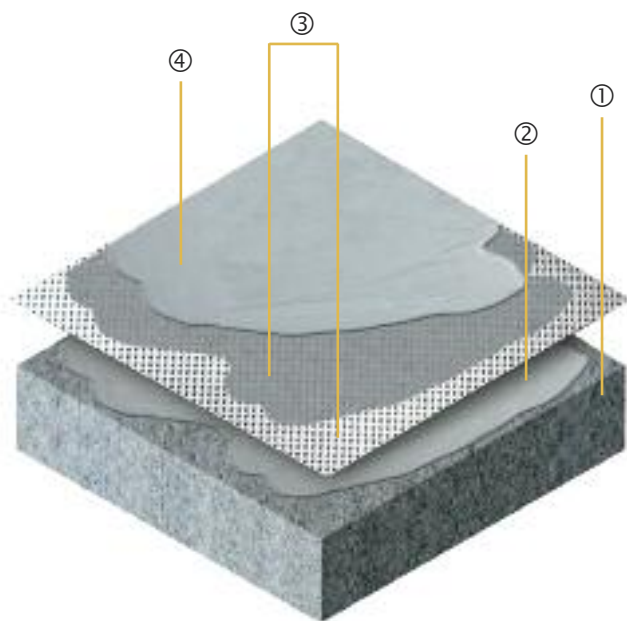
Acryroof Plus is a one-component liquid waterproofing system in water emulsion combined with a set of reinforcements (see layer method on pg. 9) that make it ideal for waterproofing large roofs directly exposed to sunlight or under ceramic floors.

ACRYROOF PLUS FIBRO SYSTEM

Acryroof Plus Fibro is a fibre-reinforced system consisting of a one-component liquid waterproofing membrane in water emulsion in which a high elastic module synthetic fibre is dispersed uniformly. Acryroof Plus Fibro is ideal for waterproofing small surfaces (balconies, bathrooms, waterproofing for wet areas of the building, etc.), is ready-to-use and requires no reinforcement.

APPLICATIONS		ACRYROOF PLUS	ACRYROOF PLUS FIBRO
Bathrooms, showers, waterproofing for wet areas of the building			●
Decks ≤ 30 sq.m.: balconies, flashings, gutters, etc.			●
Step-steady flat roofs: flat roofs, solariums, terraces		●	
Roofs with complex structure		●	
Directly tileable roofing		●	
Resurfacing of existing roofs: non-demolitive resurfacing of old bituminous membranes and paved decks		●	
Wooden roofs		●	
Retaining walls and foundations with high water-table			●
Sheet plate roofing		●	

The system cannot be used for painting swimming pools and/or drinking water tanks.

**ACRYROOF PLUS SYSTEM****STRATIFIED ELEMENTS**

- ① Concrete deck
- ② **ACRYROOF PLUS** primer (10%)*
- ③ **ACRYFELT MESH** reinforcement 60 g./sq.m.**
- ④ **ACRYROOF PLUS** first coat (5%)*
- ④ **ACRYROOF PLUS** second coat (final layer)

*) Thin with water

**) The reinforcement should be selected according to the characteristics of the deck that has to be waterproofed and is crucial to ensure a successful results.

Note: please see the table on pg. 6, to select the most suitable reinforcement

Colours available

-  White **601**
-  Red **102**
-  Grey **401**
-  Green **201**

For application on decks of ≤ 30 sq.m.
use **ACRYROOF PLUS FIBRO**.

ACRYROOF PLUS FIBRO contains a synthetic fibre with a high-elastic modulus perfectly dispersed in the one-component liquid matrix. This increases the ultimate tensile strength of the material and prevents the effects of plastic shrinkage without need to use any reinforcement.

**APPLICATION OF THE ACRYROOF PLUS FIBRO SYSTEM**

1. APPLY THE PRIMER MULTIFIXO 100 ON THE PAVED BALCONY



2. APPLY THE FIRST COATING OF ACRYROOF PLUS FIBRO + CASABAND SA BAND (2a)



3. APPLY THE LAST COATING OF ACRYROOF PLUS FIBRO / WORK COMPLETED YOU MAY:
 A) TILE THE SURFACE
 B) COAT THE SURFACE WITH **ACRYTOP**
 C) LEAVE THE SURFACE AS IT IS (EXPOSED)

ACRYFELT MESH (pg. 18) - CASABAND SA (pg. 19) - ACRYROOF PLUS (pg. 21) - ACRYROOF PLUS FIBRO (pg. 21)
 MULTIFIXO 100 (pg. 29) - ACRYTOP (pg. 32)



DERMACEM / DERMACEM FIBRO

SYSTEM

Two-component cement waterproofing colorable system



- ▶ **Pre-dosed components in special drums, that may be used to mix the product**
- ▶ **Easy, versatile application: by roller, brush, airless sprayer**
- ▶ **Available in different colours or in the version to which the colour is added when mixed**
- ▶ **Elastic: elongation 138% ± 10%**
- ▶ **Directly tileable (EN 14891)**
- ▶ **Ideal for non-demolitive resurfacing**
- ▶ **Wide range of finishes available: step-steady, drive-over, ultra-reflecting**
- ▶ **The Dermacem Fibro version is fibre-reinforced and does not require reinforcement**

DERMACEM SYSTEM

Dermacem is a two-component cement and synthetic polymer based liquid membrane waterproofing system in water dispersion containing a set of reinforcements (see layer method on pg. 11), making it the ideal choice for waterproofing large decks under ceramic flooring or a roofing finishing layer (the Coloured Dermacem version is recommended in this case).

DERMACEM FIBRO SYSTEM

Dermacem Fibro is a fibre-reinforced system consisting of a one-component liquid waterproofing membrane in water emulsion in which a high-elastic module synthetic fibre is dispersed uniformly. Dermacem Fibro is the perfect choice for small surfaces (balconies, bathrooms, waterproofing for wet areas of the building, etc.) and does not require the use of reinforcement.

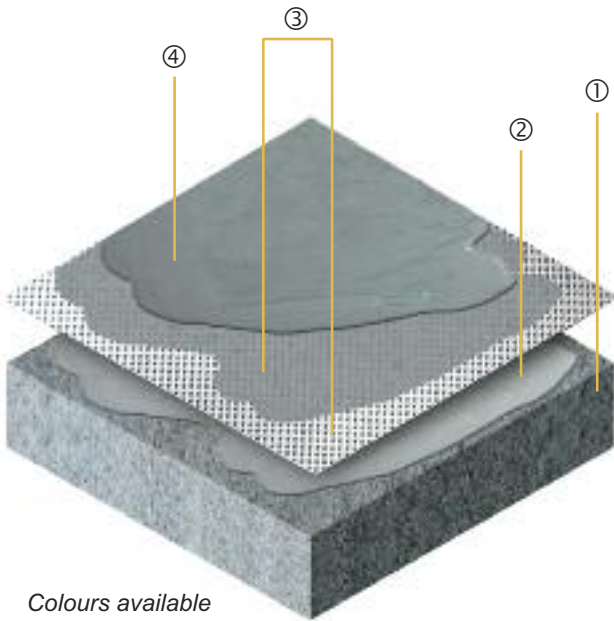
APPLICATIONS		DERMACEM	DERMACEM FIBRO
Bathrooms, showers, waterproofing for wet areas of the building			●
Decks ≤ 30 sq.m.: balconies, flashings, gutters, etc.			●
Step-steady flat roofs: flat roofs, solariums, terraces		●	
Roofs with complex structure		●	
Directly tileable roofing		●	
Resurfacing of existing roofs: non-demolitive resurfacing of old bituminous membranes and paved decks		●	
Wooden roofs - Pitched roofs		●	
Retaining walls and foundations with high water-table			●
Sheet plate roofing		●	
Swimming pools, water tanks, SPAs and wellness centres			●
Drive-over decks		●	

The system cannot be used for painting swimming pools and/or drinking water tanks.



DERMACEM / DERMACEM FIBRO

SYSTEM



DERMACEM SYSTEM

STRATIFIED ELEMENTS

- ① Concrete deck
- ② **DERMACEM** primer (25-30%)*
- ③ **ACRYFELT MESH** reinforcement 60 g./sq.m.**
- ④ **DERMACEM** first coat (10%)*
- ④ **DERMACEM** second coat (final layer)

*) Thin with water

***) The reinforcement should be selected according to the characteristics of the deck that has to be waterproofed and is crucial to ensure a successful results.

Note: see the table on pg. 6 to find the most suitable reinforcement and primer for your project

Colours available

Neutral - use the Dermacem pigment kit in order to colour the product directly into the drum.

- cement grey, red and green: minimum production batch is 1 pallet (720 kg)

For application on decks of ≤ 30 sq.m. use **DERMACEM FIBRO**.

DERMACEM FIBRO contains a synthetic fibre with a high-elastic modulus perfectly dispersed in the one-component liquid matrix. This increases the ultimate tensile strength of the material and prevents the effects of plastic shrinkage without need to use any reinforcement.



DERMACEM FIBRO MAY BE APPLIED ON SWIMMING POOLS AND TANKS



APPLICATION OF THE DERMACEM SYSTEM



1. DERMACEM: APPLY BY ROLLER - SOAK THE REINFORCEMENT THOROUGHLY



2. WATERPROOF JOINTS AND CONNECTIONS POINTS WITH CASABAND SA



3. APPLY THE LAST COATING OF DERMACEM / WORK COMPLETED YOU MAY:
 A) TILE THE SURFACE
 B) COAT THE SURFACE WITH **ACRYTOP**

ACRYFELT MESH (pg. 18) - CASABAND SA (pg. 19) - DERMACEM (pg. 22) - DERMACEM FIBRO (pg. 22) - ACRYTOP (pg. 32)

Solvent-based bituminous waterproofing system, **root stop**



- ▶ One-component product
- ▶ Root-stop
- ▶ UV resistant if the fresh product is sprinkled layer upon layer with slate chips
- ▶ Excellent elasticity: 1000% ± 100%
- ▶ Perfect adhesion on all types of deck
- ▶ Ideal for easy resurfacing of old bituminous membranes
- ▶ The DERMARUBBER S version may also be trowelled on as a thick coating and used to simultaneously glue and waterproof tiles on bituminous decks

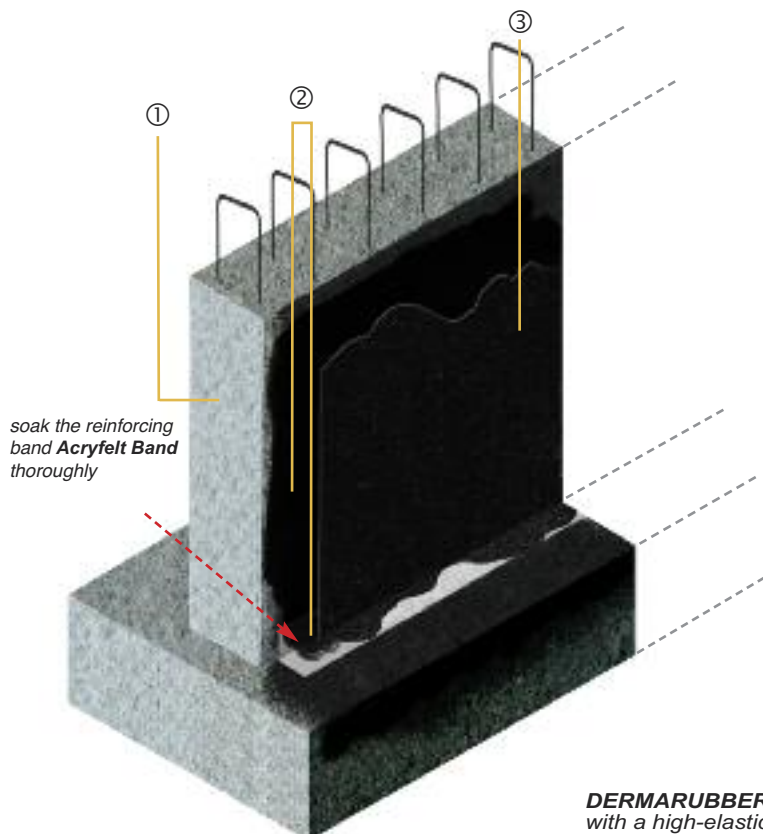
DERMARUBBER S/P SYSTEM

DERMARUBBER S/P is a highly elastic waterproofing liquid membrane, to which a root-stop product is added that prevents root penetration, making it the perfect choice for waterproofing flower boxes, roof gardens and retaining walls (see layer method on pg. 13).

DERMARUBBER S SYSTEM

DERMARUBBER S is a fibre-reinforced waterproofing smoothing product that may be trowelled on, and is ideal for waterproofing foundations, RC flower boxes and highly porous cement decks. DERMARUBBER S may also be used as a glue for gluing tiles, above on bituminous surfaces (membranes, oxidised bitumen, etc.).

APPLICATIONS		DERMARUBBER S/P	DERMARUBBER S
Retaining walls and foundations with high water-table		●	●
Decks ≤ 30 sq.m.: balconies, flashings, gutters, etc.			●
Directly tileable roofing			●
Resurfacing of existing roofs: non-demolitive resurfacing of old bituminous membranes and paved decks		●	
Roofs with complex structure		●	
Wooden roofs		●	
Flower boxes and earth retaining structures		●	
Tiles bonding on bituminous underlay			●



DERMARUBBER S/P SYSTEM

STRATIFIED ELEMENTS

- ① RC Panels
- ② **DERMARUBBER S/P** - Apply the first coat and soak the reinforcing band **ACRYFELT BAND** thoroughly over the joints and construction joints
- ③ **DERMARUBBER S/P** - Apply the second coat

soak the reinforcing band **Acryfelt Band** thoroughly

Use **DERMARUBBER S** when trowelling or gluing tiles on bituminous membranes

DERMARUBBER S contains a synthetic fibre with a high-elastic modulus perfectly dispersed in the one-component liquid matrix. This increases the ultimate tensile strength of the material and prevents the effects of plastic shrinkage.



Colours available

- Black

APPLICATION OF THE DERMARUBBER S/P SYSTEM



DERMARUBBER S/P: SPRAY ONTO THE FOUNDATION WALL

APPLICATION OF THE DERMARUBBER S AND DERMARUBBER S/P SYSTEM



● **DERMARUBBER S**: APPLY BY TROWEL ON HIGHLY POROUS FOUNDATION WALLS

● **DERMARUBBER S/P**: APPLY BY ROLLER ON RC PANELS

● **DERMARUBBER S/P + ACRYFELT BAND** TO REPAIR OLD BITUMINOUS MEMBRANES

ACRYFELT BAND (pg. 20) - DERMARUBBER S/P (pg. 23) - DERMARUBBER S (pg. 23)

**POLYROOF
SYSTEM**

*Self-levelling or thixotropic polyurethane waterproofing system, **step-steady and drive-over***

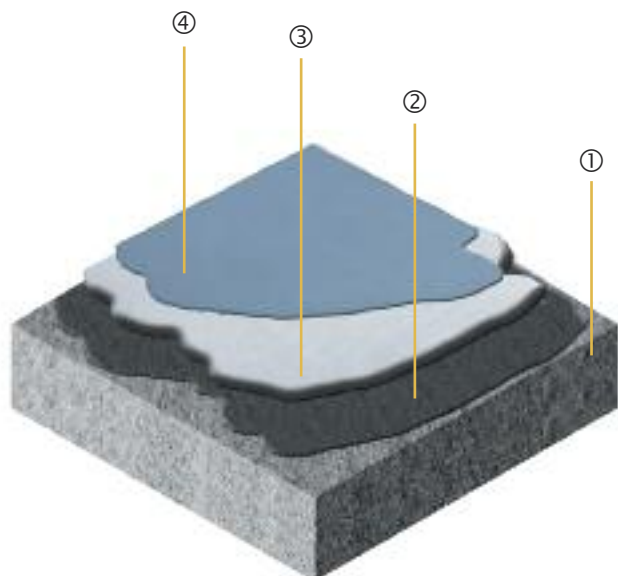


- ▶ **Excellent mechanical strength**
- ▶ **Highly resistant to ageing**
- ▶ **Waterproofing and flooring in a single 2 mm system**
- ▶ **Ideal for heavy pedestrian traffic**
- ▶ **Ideal for heavy vehicle traffic**
- ▶ **Excellent resistance to UV rays**
- ▶ **Outstanding resistance to high and low temperatures**
- ▶ **A wide range of colours and finishing textures**
- ▶ **Ideal for non-demolitive resurfacing (may be laid over the existing ceramic, cement or asphalt floor)**

POLYROOF SYSTEM

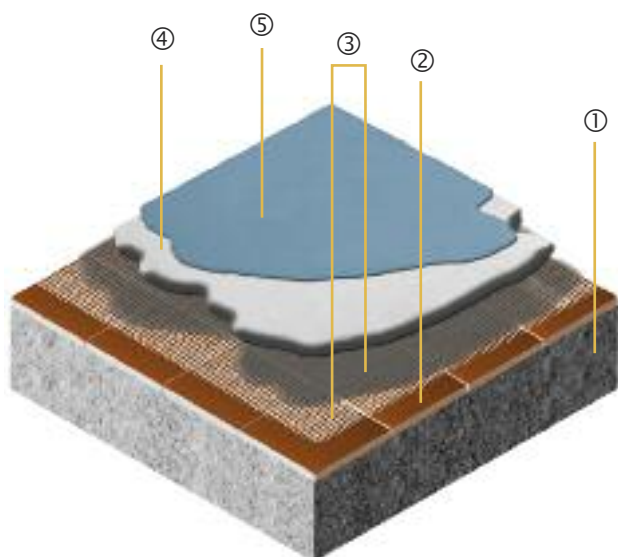
Polyroof is an highly resistant waterproofing flooring system consisting of a two-component liquid self-levelling or thixotropic polyurethane resin that has to be finished with Polytop, a coloured aliphatic paint resistant to heavy duty traffic, UV rays and chemicals (see application method on pg.15).

APPLICATIONS		POLYROOF
Step-steady flat roofs: flat roofs, solariums, terraces		●
Resurfacing of existing roofs: non-demolitive resurfacing of old paved decks		●
Roofs with complex structure		●
Drive-over decks		●



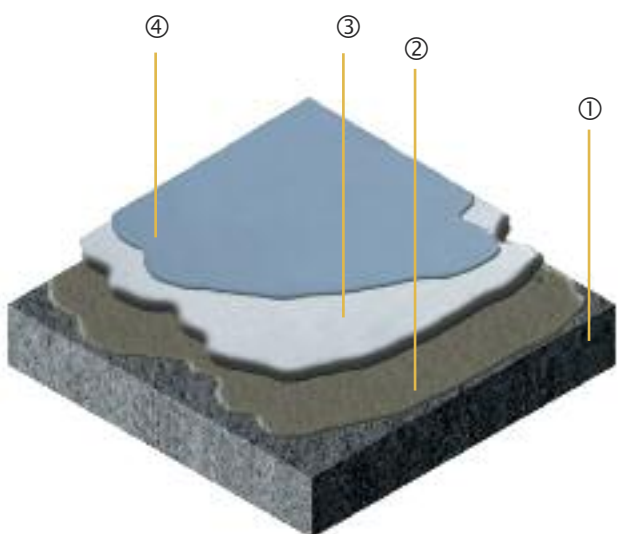
POLYROOF SYSTEM
NEW SURFACES
STRATIFIED ELEMENTS

- ① Smooth industrial concrete deck
- ② **EPOBASE A** primer (Epo base FU 14 for damp decks)
- ③ **POLYROOF** (self-levelling)
- ④ **POLYTOP** (finish)



POLYROOF SYSTEM
NON-DEMOLITIVE RESURFACING OF CERAMIC DECKS
STRATIFIED ELEMENTS

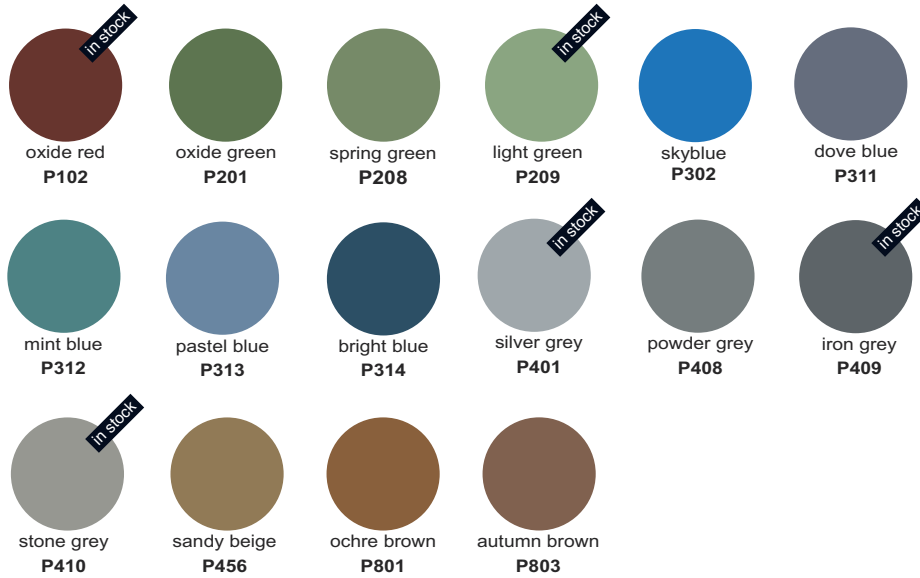
- ① Deck
- ② Tiles/old flooring (roughen)
- ③ **ACRYNET 75** reinforcement + smoothing with **EPOBASE** mixed with silica sand
- ④ **POLYROOF** (self-levelling)
- ⑤ **POLYTOP** (finish)



POLYROOF SYSTEM
NON-DEMOLITIVE RESURFACING OF ASPHALT DECKS
STRATIFIED ELEMENTS

- ① Asphalt deck
- ② **PORISTOP** (smoothing filler)
- ③ **POLYROOF** (self-levelling)
- ④ **POLYTOP** (finish)

ACRYNET 75 (pg. 19) - PORISTOP (pg. 24) - POLYROOF (pg. 24) - EPOBASE (pg. 28)
EPOBASE A (pg. 28) - EPOBASE FU 14 (pg. 30) - POLYTOP (pg. 32)



Colours available

The actual colours may be different from those illustrated. The manufacturer declines all and any liability for any differences in colour between the actual product and the colour illustrated by the photo. To ensure uniformity of the colour and the best possible finish, we recommend using product from the same production batch.

To view the actual colours contact the Technical Assistance Department of Casali's Synthetics Division and ask for the Polytop colour card.

APPLICATION OF THE DRIVE-OVER POLYROOF SYSTEM



1. DRIVE-OVER DECK THAT IS WATERPROOFED WITHOUT DEMOLISHING



2. LAY THE DRIVE-OVER, SELF-LEVELLING WATERPROOF PRODUCT POLYROOF



3. WORK COMPLETED WITH POLYTOP FINISH



4. THE FLOORING MAY BE USED

APPLY THE STEP-STEADY POLYROOF SYSTEM



1. APPLY THE SELF-LEVELLING PRODUCT POLYROOF

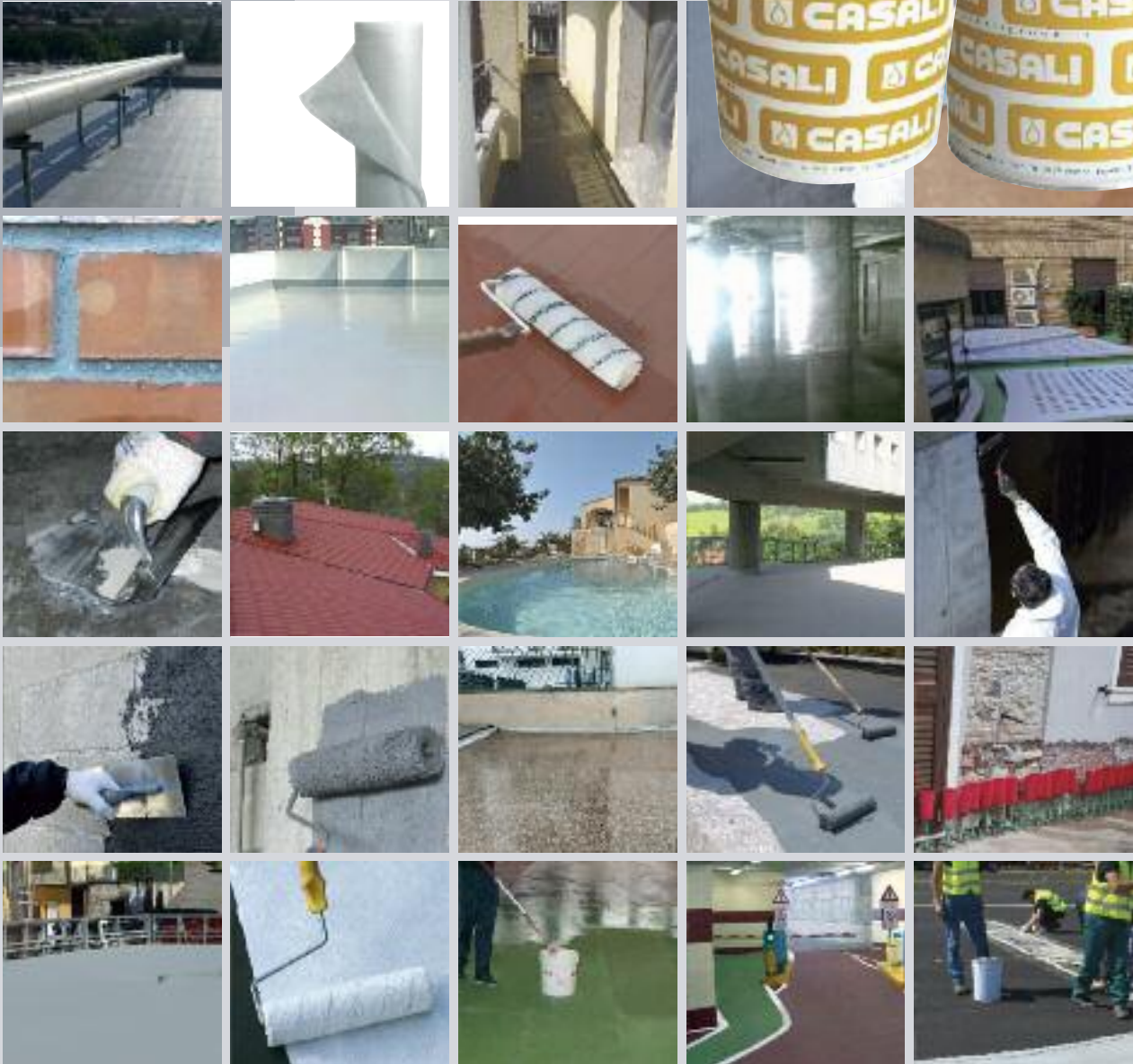


2. THE DECK IS READY FOR PAINTING



3. POLYTOP COLOURED FINISH / WORK COMPLETED

POLYROOF (pg. 24) - POLYTOP (pg.32)



REINFORCEMENTS AND ACCESSORIES FOR WATERPROOFING SYSTEMS

p. 18

LIQUID WATERPROOFINGS

p. 21

CONSOLIDATING PRIMERS - ADHESION ADJUVANTS - VAPOUR BARRIERS

p. 27

PAINTS AND PROTECTIVE COATINGS

p. 31

TOOLS

p. 34

ADDITIVES AND THINNERS

p. 35



ACRYFELT
T1

Non-woven **polyester** fabric (60 g/sq.m.) thermally fixed on one side



ACRYFELT T1 is a white non-woven polyester fabric, with weight of 60 g/sq.m., that is hot bonded on one side, without the use of binders or chemical glues. Ideal as reinforcement to improve the mechanical strength of liquid acrylic, cement, asphalt or polyurethane waterproofing. ACRYFELT T1 is generally laid in a sandwich system, so that it is important to thoroughly soak the fabric in order to ensure perfect adhesion to the deck and complete waterproofing. Overlaps should be at least 5-10 cm between adjacent sheets.

PACKAGING
Roll

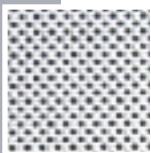
Grammage
60 g/sq.m.

Roll size
Height: 1 m
Length: 100 m

REINFORCEMENT	APPLICATIONS
ACRYFELT T1 60 g./sq.m.	B1: Existing deck requiring non-demolitive resurfacing
<i>For information on how to select the correct reinforcement please see the table on pg. 6</i>	

ACRYFELT
MESH

PA reinforcement with **honeycomb** structure



ACRYFELT MESH is an alkali-resistant reinforcement in PA with a special honeycomb structure that ensures easy impregnation of the screen, high resistance to longitudinal and transverse loads and good elasticity to diagonal loads. ACRYFELT MESH may be used together with liquid waterproofing of different kinds (acrylic, cement, polyurethane and asphalt). Remember to cover the reinforcement completely with the waterproofing product used, overlapping adjacent sheets by at least 5-10 cm.

PACKAGING
Roll

Grammage
60 g/sq.m.

Roll size
Height: 1 m
Length: 50 m

REINFORCEMENT	APPLICATIONS
ACRYFELT MESH	B1: Existing deck requiring non-demolitive resurfacing B2: New decks with appropriately spaced expansion joints B5: Complex structures with appropriately spaced expansion joints
<i>For information on how to select the correct reinforcement please see the table on pg. 6</i>	

ACRYMAT 225 g/sq.m.



Glass mat reinforcement

ACRYMAT is a mat consisting of very fine glass strands held together by a powder binder that is highly soluble in styrene. The basic strand is coated with primer containing silane sealer.

ACRYMAT is used as a reinforcement for different types of liquid waterproofing (acrylic, cement, polyurethane, asphalt, etc.) and is ideal for reinforcing complex structures and drive-over decks.

PACKAGING

Roll

Grammage

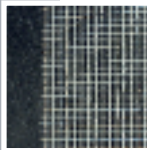
225 g/sq.m.

Roll size

15 kg (roofed area 66 sq.m.)

REINFORCEMENT	APPLICATIONS
ACRYMAT 225 g./sq.m.	B4: Drive-over decks B5: Complex structures with appropriately spaced expansion joints
<i>For information on how to select the correct reinforcement please see the table on pg. 6</i>	

ACRYNET 75 g/sq.m.



Glass fibre reinforcement coated with anti-alkaline primer

ACRYNET is a glass fibre reinforcement treated with anti-alkaline primer. ACRYNET is used as reinforcement in cement, acrylic, epoxy, polyurethane or bituminous waterproofing systems to prevent the formation of cracks due to micro-settlement of the support.

PACKAGING

Roll

Grammage

75 g/sq.m.

Roll size

Height: 1 m
Length: 50 m

REINFORCEMENT	APPLICATIONS
ACRYNET 75 g./sq.m.	B2: New decks with appropriately spaced expansion joints
<i>For information on how to select the correct reinforcement please see the table on pg. 6</i>	

CASABAND SA



Butyl rubber and TNT self-adhesive elastic band

CASABAND SA is a self-adhesive butyl rubber band with one side that ensures excellent adhesion on concrete, gypsum board and marble decks, while the other side provides a rough and absorbing surface on which the liquid waterproofing is applied.

Casaband SA may be used with most liquid waterproofing systems (acrylic, cement, polyurethane and asphalt) and is used as elastic reinforcement when waterproofing floor-wall joints and expansion joints on terraces, balconies, swimming pools, bathrooms, etc.

PACKAGING

Roll

Thickness

1,0 mm

Roll size

Height: 80 mm
Length: 15 m

PACKAGING

8-roll boxes

Note: see photo 3 on pg. 9 and photo 2 on pg. 11

REINFORCEMENT	APPLICATIONS
CASABAND SA	B3: Perimeter and expansion joints - RESIDENTIAL WATERPROOFING
<i>For information on how to select the correct reinforcement please see the table on pg. 6</i>	

**ACRYFELT
BAND***Non-woven band for perimeter and expansion joints*

ACRYFELT BAND is a hot-bonded needle punched unspun non-woven polyester fabric, with no chemical adhesives, with a weight of 130 g/sq.m.

ACRYFELT BAND is used in waterproofing as a reinforcement for perimeter and expansion joints since it has excellent mechanical strength and high elasticity modulus. Acryfelt Band may be used with most liquid waterproofing systems (bituminous, cement, acrylic, polyurethane, etc.); when applying soak the liquid product thoroughly in order to form a single layer.

PACKAGING*Roll***Grammage**

130 g/sq.m.

Roll size

Height: 25 cm

Length: 10 m - 50 m

REINFORCEMENT	APPLICATION
ACRYFELT BAND	B3: Perimeter and expansion joints B4: Drive-over decks
<i>For information on how to select the correct reinforcement please see the table on pg. 6</i>	

**TECHNOSEAL
PU 600***One-component polyurethane sealant with high-elasticity modulus*Cartridge
310 mlUnipack
600 ml

TECHNOSEAL PU 600 is a one-component thixotropic polyurethane sealant with high elasticity modulus.

TECHNOSEAL PU 600 is the perfect choice for sealing contraction joints and cracks in concrete flooring, laying floor-wall joints, fixing and simultaneously waterproofing floor drains and drain pipes. The product ensures excellent adhesion to most decks used in the building industry.

PACKAGING600 ml *Unipack* in 20-piece box310 ml *cartridge* in 25-piece box

ACRYROOF PLUS

Synthetic resin-based **one-component** liquid waterproofing in water dispersion resistant to ponding areas and UV rays

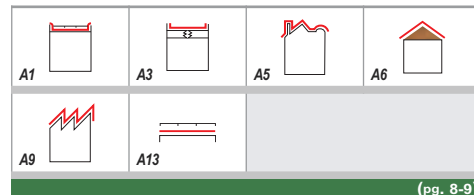
ACRYROOF PLUS is a one-component liquid membrane in water emulsion. The special formulation of ACRYROOF PLUS makes the product resistant to ponding areas; the product may therefore be used for waterproofing flat roofs, terraces, balconies and to resurface old bitumen membranes (after applying Acrybase S primer) etc. The product also contains a special additive which prevents the formation of surface micro-vegetation caused by persistent moisture or when the decks treated are in a shaded area with poor sunlight.

After curing, ACRYROOF PLUS becomes a seamless waterproof membrane with elastic behaviour that adapts to micro-settlement caused by thermal stress of the deck. If conditions of strong mechanical stress are present, a reinforcement should be used (Acryfelt Mesh, Acrymat 225 or Acrynet 75 depending on the type of deck - please see the paragraph on How to choose the reinforcement on pg. 6 or contact the Technical Assistance Department of Casali's Synthetic Division) and soaked thoroughly with the liquid product. When treating perimeter and expansion joints, connection areas between different materials or construction joints, we strongly recommend the use of Casaband SA or Acryfelt Band (elastic reinforcement bands). Thanks to its excellent resistance to ageing and ultraviolet rays, ACRYROOF PLUS does not require any other protection.

The finished deck is step-steady and safe to

walk on when carrying out routine maintenance works. The product may not be used to paint swimming pools and/or drinking water tanks.

APPLICATION



CONSUMPTION

1 - 1.2 kg/sq.m. (2 coats required)

If reinforcement is used, coverage will be 1.5-2 kg/sq.m. in 2 or more coats

COLOURS

White 601 - Red 102 - Grey 401
Green 201

PACKAGING

Plastic drum
1 kg - 5 kg - 10 kg - 20 kg



ACRYROOF PLUS FIBRO

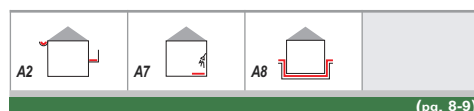
Synthetic resin-based **one-component fibre-reinforced** liquid waterproofing in water dispersion resistant to ponding areas and UV rays

ACRYROOF PLUS FIBRO is a one-component fibre-reinforced liquid membrane in water emulsion that may be used without reinforcement. Its special formulation makes it resistant to ponding areas making it the perfect choice for waterproofing showers, bathrooms and humid areas of the home in general. The product may also be used outdoors for balconies, terraces, etc., provided the surface area is a fairly small (≤ 30 sq.m.). The product contains a special additive that prevents the formation of surface micro-vegetation caused by persistent moisture or when the decks treated are in a shaded area with poor sunlight.

Once the last layer has cured thoroughly, the product may be tiled with ceramic tiles using an appropriate glue.

After curing, ACRYROOF PLUS FIBRO becomes a seamless waterproof membrane with elastic behaviour that adapts to micro-settlement caused by thermal stress of the deck. When treating perimeter and expansion joints, connection areas between different materials or construction joints, we strongly recommend the use of Casaband SA or Acryfelt Band (elastic reinforcement bands).

APPLICATIONS



CONSUMPTION

1.5 kg/sq.m. to obtain in 2 or more coats

COLOURS

White 601 - Red 102 - Grey 401
Green 201

PACKAGING

Plastic drum
1 kg - 5 kg - 10 kg - 20 kg



DERMACEM

Two-component cement and synthetic polymer based colorable liquid waterproofing



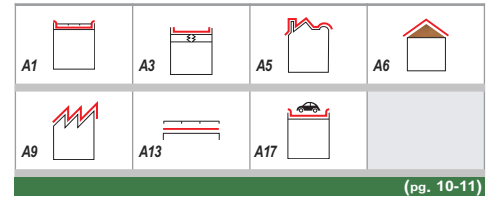
DERMACEM is a two-component cement and synthetic polymer based liquid waterproofing in water dispersion. After drying, the product forms a thin waterproof film that is particularly elastic and adapts to movements of the deck caused by settlement or thermal stress.

DERMACEM may be used to waterproof step-steady and normal roofing, as well as decks that are to be tiled with ceramic tiles (terraces, balconies, etc.), and to waterproof swimming pools, tanks, foundations (even when groundwater is present) and complex structures. DERMACEM is also ideal for protecting concrete structures from aggressive substances in the atmosphere, land or sea water.

If conditions of strong mechanical stress are present, a reinforcement should be used (Acryfelt T1, Acryfelt Mesh, Acrymat 225 or Acrynet 75 depending on the type of deck - please see the paragraph on *How to choose the reinforcement* on pg. 6 or contact the *Technical Assistance Department of Casali's Synthetic Division*) and soaked thoroughly with the liquid product.

When treating perimeter and expansion joints, connection areas between different materials or construction joints, we strongly recommend the use of Casaband SA or Acryfelt Band (elastic reinforcement bands).

APPLICATIONS



CONSUMPTION

2 - 2.5 kg/sq.m.

COLOURS

Neutral (dark grey): may be coloured when mixing A + B using the Dermacem pigment kit (colours available: cement grey, red and green)

Note: Dermacem may be produced in the coloured version as indicated above for minimum production batches of 1 pallet (720 kg)

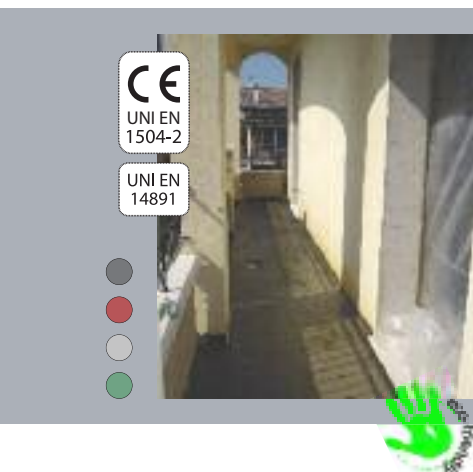
PACKAGING A + B

2 plastic drums (one per component)
10 kg - 20 kg



DERMACEM FIBRO

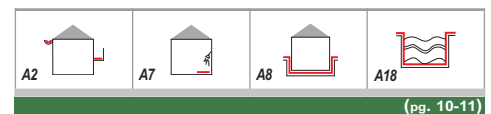
Two-component cement and synthetic polymer based fibre-reinforced colorable liquid waterproofing



DERMACEM FIBRO is a cement and synthetic polymer based fibre-reinforced two-component liquid waterproofing in water dispersion. The presence of high-modulus synthetic fibres in the mixture means that the product may be used without reinforcement.

After drying, DERMACEM FIBRO forms a thin waterproof film that is particularly elastic and adapts to movements of the deck caused by settlement or thermal stress. The product may be used to waterproof small surfaces (≤ 30 sq.m.) such as balconies, stairs, bathrooms, etc. and to waterproof tanks, swimming pools and foundations even when groundwater is present. DERMACEM FIBRO is also the perfect choice for protecting concrete structures from aggressive substances in the atmosphere, land or sea water. When treating perimeter and expansion joints, connection areas between different materials or construction joints, we strongly recommend the use of Casaband SA or Acryfelt Band (elastic reinforcement bands).

APPLICATIONS



CONSUMPTION

1,8 - 2 kg/sq.m.

COLOURS

Neutral (dark grey): may be coloured when mixing A + B using the Dermacem Fibro pigment kit (colours available: cement grey, red and green)

Note: Dermacem Fibro may be produced in the coloured version as indicated above for minimum production batches of 1 pallet (720 kg)

PACKAGING A + B

2 plastic drums (one per component)
10 kg - 20 kg



DERMARUBBER

*Elasto-bituminous liquid waterproofing in water emulsion*CE
UNI EN
1504-2

DERMARUBBER is a liquid membrane consisting of a bitumen emulsion elastomerised with special macro-molecules that make the cured product, waterproof and highly elastic. DERMARUBBER is used to waterproof horizontal and vertical decks, retaining walls or top coatings, and to repair damaged bituminous waterproofing. The product should be protected from ultraviolet radiation with a sprinkling of fresh slate chips layer on layer or a specific protective paint (such as Reflex, Reflex W, Reflex AR or Dermacolor). When applying the product on perimeter joints, expansion joints and connection areas between different materials or over construction joints, the use of Acryfelt band (elastic band reinforcement) is strongly recommended.

CONSUMPTION

1,5 - 2 kg/sq.m. in 2 or more coats

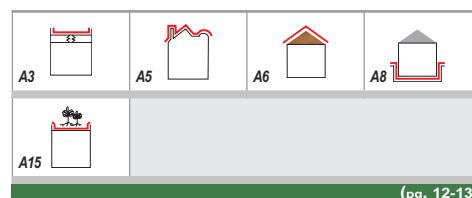
COLOURS

Black

PACKAGINGPlastic drum
5 kg - 10 kg - 20 kgDERMARUBBER
S/P*Elastomer solvent-based bituminous liquid waterproofing, root-stop*CE
UNI EN
1504-2

DERMARUBBER S/P is a highly elastic waterproofing liquid (1000%) thanks to its formulation with bitumen in solution elastomerised with special molecules. The product contains a special root-stop product that protects the structure from plants, and is the perfect choice for waterproofing flower boxes, roof gardens, foundations and retaining walls.

DERMARUBBER S/P is also used to repair old and damaged bituminous membranes. When treating cracks on the deck, perimeter and expansion joints, connection areas between different materials or construction joints, we strongly recommend the use of Acryfelt Band (elastic reinforcement bands). DERMARUBBER S/P should be protected from ultraviolet radiation with a sprinkling of fresh slate chips layer on layer or a specific protective paint (such as Reflex or Reflex AR).

APPLICATIONS**CONSUMPTION**

1 - 1,5 kg/sq.m. in 2 or more coats

COLOURS

Black

PACKAGINGMetal drum
5 kg - 10 kg - 20 kg

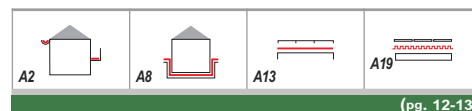
DERMARUBBER S

*Solvent based fibre-reinforced bituminous paste, for waterproofing and gluing tiles at the same time*CE
UNI EN
1504-2

DERMARUBBER S is an elastomer fibre-reinforced waterproofing paste, consisting of bitumen in solution and special macro-molecules that make the cured product, waterproof and particularly elastic. DERMARUBBER S is formulated for two specific functions:

- As waterproofing: to waterproof concrete, bituminous or metal decks.
- As glue: to glue tiles horizontally, on bituminous waterproofing (prefabricated or liquid membranes), on cement surfaces, on old tiled surfaces, etc.

The product should be protected from ultraviolet radiation with a sprinkling of fresh slate chips layer on layer or a specific protective paint (such as Reflex or Reflex AR).

APPLICATIONS**CONSUMPTION**1 - 1.5 kg/sq.m. in 2 coatings for waterproofing
1 kg/sq.m. for gluing**COLOURS**

Black

PACKAGINGMetal drum
5 kg - 10 kg - 20 kg

DERMAFOND RB

Self-protected trowelable waterproofing for retaining walls and foundations

CE
UNI EN
1504-2

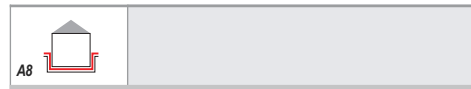


DERMAFOND RB is an elastic waterproofing paste consisting of an odourless bitumen emulsion, resins and special primers.

The product has high mechanical resistance to compression, shock, punching and shear, thus ensuring efficient protection against damage caused by debris, stones and bricks when backfilling foundations.

DERMAFOND RB is generally used to waterproof cast and constructed in situ foundations, and foundations with surface irregularities that are levelled more efficiently with a trowelled on paste, rather than a liquid product that is applied by roller, brush or spray with the risk of not covering the deck properly.

APPLICATIONS



CONSUMPTION

2 - 2.5 kg/sq.m. in 1-2 coats according to the type of deck

COLOURS

Black

PACKAGING

Plastic drum
20 kg



PORISTOP

Polyurethane paste filler for smoothing porous or asphalt decks



new

PORISTOP is a medium-viscosity polyurethane paste used for filling and levelling decks; its very high dry residue contents seal the deck perfectly ensuring a smooth and uniform finish, while preventing the formation of bubbles in the next self-levelling polyurethane resin layer applied with a product such as Polyroof.

PORISTOP may also be used to fill in gaps and hollows on the deck before applying the next self-levelling resin coating.

CONSUMPTION

1.0 - 1.5 kg/sq.m. on asphalt decks depending on the porosity of the deck

0.3 - 0.5 kg/sq.m. on decks that have been treated with a moisture barrier such as Epobase FU 14

COLOURS

Neutral

PACKAGING A+B

2 metal drums (one per component)
A+B=20 kg



POLYROOF

Two-component self-levelling or thixotropic drive-over polyurethane liquid waterproofing

CE
UNI EN
1504-2



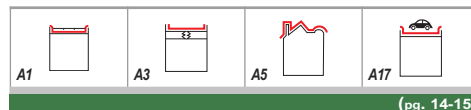
POLYROOF is a solvent-free thixotropic or self-levelling two-component polyurethane liquid waterproofing obtained from the in situ reaction between a polyol and an isocyanate. The product is highly elastic and therefore adapts to settlement movements caused by thermal and mechanical stress of the deck.

POLYROOF is used as a waterproofing and finishing floor on concrete or asphalt decks and may also be used for the non-demolitive resurfacing of decks with ceramic tiles or similar.

This product is not only waterproof but also has a high tensile strength that, together with an attractive finish, make POLYROOF the perfect waterproof flooring for heavy pedestrian and vehicle traffic.

POLYROOF may also be requested in the thixotropic version that may be applied by roller or trowel on vertical walls or pitched decks.

APPLICATIONS



(pg. 14-15)

CONSUMPTION

2 kg/sq.m for 1,5 mm thick

COLOURS

Grey P401

Others colours are available on request, subject to minimum quantities

PACKAGING A+B

2 metal drums (one per component)
20 kg



ACRYROOF

Coloured synthetic resin-based liquid waterproofing in water emulsion with high elasticity properties and internal plasticization



ACRYROOF is a synthetic based coloured waterproof liquid membrane with internal plasticisation.

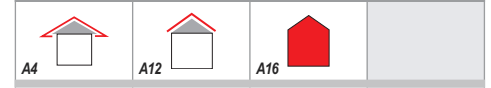
Thanks to the composition of the resins used, this product is highly elastic and adapts to movements of the deck caused by settlement or thermal stress.

ACRYROOF may be used to waterproof decks not subject to ponding areas such as tiled roofs, brick, face brick and pitched decks in general.

The type of synthetic resins and additives used make this product practically unresponsive to UV radiation with excellent resistance to ageing.

ACRYROOF is also available in the special colours Tile Red and Dark Brown.

APPLICATIONS



CONSUMPTION

1.5 kg/sq.m. as a single waterproofing on floors or walls

COLOURS

White 601 - Red 102 - Grey 401
Green 201 - Dark Brown 805*
Tile Red 806*. Other colours available on request

*) available only in 1 kg and 5 kg drums

PACKAGING

Plastic drum
1 kg - 5 kg - 10 kg - 20 kg



ACRYRUBBER

Coloured liquid waterproofing



ACRYRUBBER is a coloured water-based liquid waterproofing membrane. Thanks to the composition of the resins used, this product is highly elastic and adapts to movements of the deck caused by settlement or thermal stress.

ACRYRUBBER may be used to waterproof existing decks that are not subject to ponding areas. The product has excellent resistance to UV rays and ageing.

CONSUMPTION

1 kg/sq.m. in 2 or more coats

COLOURS

White 601 - Red 102 - Grey 401
Green 201. Other colours available on request

PACKAGING

Plastic drum
1 kg - 5 kg - 10 kg - 20 kg



RAINPROOF



Transparent two-component polyurethane waterproofing for terraces, balconies and showers

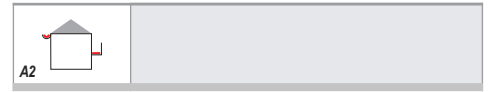
RAINPROOF is a transparent liquid waterproofing consisting of aliphatic polyurethane resins highly resistant to UV rays.

The product may be used to repair the waterproofing of horizontal decks (terraces and balconies tiled with ceramic tiles) and vertical walls (showers, etc.).

RAINPROOF should be used on surfaces that do not have cracks or damaged joints, but if these are present the deck or wall should be repaired before applying the product or, if this is not possible, the use of a highly penetrating product such as Silvisol is recommended.

RAINPROOF gives the deck a brilliant finish.

APPLICATIONS



CONSUMPTION

0.15 - 0.30 l/sq.m. depending on the porosity of the deck

COLOURS

Transparent

PACKAGING A+B

2 metal drums (one per component)
1 l - 4 l - 10 l



SILVISOL

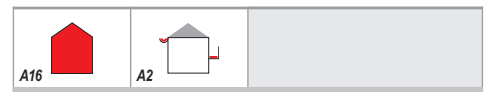


Solvent-based water-repellent with pearlescing effect for vertical and horizontal decks

SILVISOL is a siloxane resin-based water repellent in solvent solution. Its low molecular weight ensures excellent penetrating properties, outstanding reduction of water absorption and good transpiration.

SILVISOL may be used to protect plaster, cement and concrete decks, facing bricks etc. from water. The product may also be used on horizontal and tiled surfaces. It does not alter the colour and shade of the deck.

APPLICATIONS



CONSUMPTION

approx. 0.25 l/sq.m. for low porosity decks
approx. 0.50 l/sq.m. for high porosity decks and horizontal decks

Note: we recommend that you check coverage according to the actual absorption of the deck

COLOURS

Transparent

PACKAGING

Metal drum
1 l - 4 l - 10 l - 20 l



SILOFOND



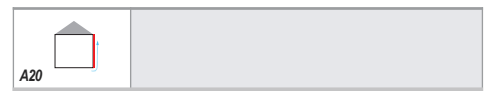
Siloxane resin-based waterproofing for injection/chemical cutting

SILOFOND is a solvent-based siloxane resin waterproofing used to treat damp masonry walls subject to rising damp. The product may be applied with a special gravity injection kit or with a pressure pump that injects the waterproofing into the damp masonry wall.

Once SILOFOND has dried, it forms a chemical barrier that prevents rising damp and prevents the detachment of plaster and finishes caused by salts crystallising out as efflorescences on the surface of walls.

The product does not alter the appearance of the treated part in any way and is formulated with de-aromatised low-odour solvents.

APPLICATIONS



CONSUMPTION

0.1 - 0.15 l/lm (linear metre) for each cm. of thickness of the wall, depending on the porosity of the deck

COLOURS

Transparent

PACKAGING

Metal drum
20 l



ACRYBASE*Acrylic primer in water emulsion for decks pre-treated with acrylic resin*

ACRYBASE is a synthetic resin-based primer in water emulsion.

The product is used before the application of acrylic waterproofing (or similar) applied on existing acrylic roofing.

After thinning with water as required, ACRYBASE has highly penetrating and consolidating properties on porous concrete and bricks decks etc.

CONSUMPTION

0.2 l/sq.m. depending on the absorbing properties of the deck

COLOURS

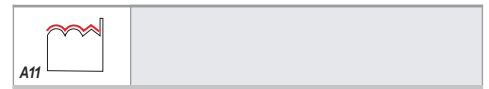
Transparent

PACKAGING

Plastic drum
16 l

**ACRYBASE S***Acrylic primer solvent-based for metal, bituminous or non-absorbing decks*

ACRYBASE S is a solvent based primer for acrylic or similar products. Acrybase S is generally used as a primer on bituminous membranes and metal decks to prepare them for the adhesion of acrylic or cement waterproofing systems such as Acryroof Plus and Dermacem.

APPLICATIONS**CONSUMPTION**

0.1 l/sq.m. for non-porous decks
0.15 l/sq.m. for low porous decks
0.22 l/sq.m. for cement decks

COLOURS

Transparent

PACKAGING

Metal drum
5 l - 10 l



EPOBASE*Two-component solvent-free epoxy binder and primer*

EPOBASE is a solvent-free epoxy resin-based two-component primer, that is ideal as primer for polyurethane and epoxy resin systems. The product is generally used on highly porous or low porous cement decks, both as primer and quartz binder for synthetic mortars. EPOBASE may be thinned and used as a primer to soak cement decks, or used as is, as a structural grouting resin for reinforcement bars.

CONSUMPTION

Primer: 0.5 kg/sq.m. mixed 1:1 with 0.1-0.3 mm grade quartz sand
Binder for epoxy mortars: please contact the Technical Assistance Department of Casali's Synthetic Division

COLOURS

Neutral

PACKAGING A+B

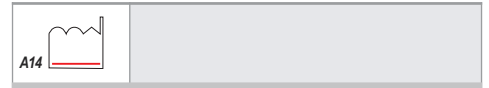
2 metal drums (one per component)
20 kg

Tanks A+B

1.500 kg

**EPOBASE A***Two-component epoxy water-based primer and dustproof consolidating agent for cement decks*

EPOBASE A is an epoxy resin-based product in water emulsion used as dustproof consolidating agent on cement decks and as primer for subsequent polyurethane, epoxy and acrylic paint coatings.

APPLICATIONS**CONSUMPTION**

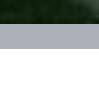
0.20 l/sq.m. depending on the absorption properties of the deck

COLOURS

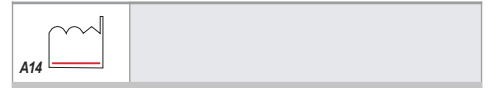
Transparent

PACKAGING A+B

2 metal drums (one per component)
10 l - 16 l

**EPOBASE S***Two-component epoxy solvent-based primer and dustproof consolidating agent for cement decks*

EPOBASE S is a solvent-based epoxy resin product used as a dustproof consolidating agent on sleek concrete decks and as primer for the subsequent polyurethane, epoxy and acrylic paint coatings.

APPLICATIONS**CONSUMPTION**

0.20 - 0.40 l/sq.m. depending on the absorption properties of the deck

COLOURS

Transparent

PACKAGING A+B

2 metal drums (one per component)
10 l - 18 l



HARDER AR



Highly penetrating UV-resistant polyurethane resin-based dustproof consolidating agent

HARDER AR is a solvent-based two-component polyurethane resin product. This highly penetrating product consolidates and improves the tensile strength of cement flooring subject to heavy traffic (trucks, forklifts, etc.), while reducing surface dust.

HARDER AR may be used on industrial concrete floors and cement decks in general. The product is UV resistant, and may therefore also be applied on decks exposed to atmospheric agents (rest areas, roof car parks, work site yards, etc.).

HARDER AR may also be used as an easy-to-clean glossy protective transparent finish for top resin coating cycles for indoor or outdoor application.

Also available in mat version on request.

APPLICATIONS



CONSUMPTION

0.2 - 0.3 l/sq.m. depending on the absorbing properties of the deck

COLOURS

Transparent

PACKAGING A+B

2 metal drums (one per component)
10 l - 18 l



MULTIFIXO 100



One-component primer for plaster, mortar, smoothing coats, finishes, resins and liquid waterproofing

MULTIFIXO 100 is a synthetic resin-based product in water emulsion containing selected sands that acts as primer for plaster, mortars and smoothing products, finishes, resins and liquid waterproofing applied on smooth and low absorbing decks such as RC treated with release agent, clinker, ceramics, wood, metal, plasterboard, plaster, insulating panels, brick, aerated concrete, polycarbonate, fibre glass, etc.

MULTIFIXO 100 is an excellent primer for ceramic floors. Thanks to its special formulation which makes the product resistant to prolonged contact with water and moisture, it is also an excellent primer for the application of water-based liquid waterproofing systems such as Dermacem, Acryroof and Acryroof Plus, making it much easier and faster to prepare the laying surface while ensuring perfect adhesion of the waterproofing system as a whole to the deck.

CONSUMPTION

0.2 - 0.3 kg/sq.m. in a single coat depending on the roughness of the deck

COLOURS

Light Grey

PACKAGING

Plastic drum
1 kg - 5 kg - 10 kg - 20 kg



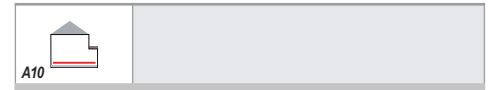
EPOBASE FU 14



Two-component epoxy primer for damp decks and adhesive primer for construction joints

EPOBASE FU 14 is a special epoxy resin two-component primer used as primer and moisture barrier on cement decks, even when humidity levels are very high (e.g. concrete that has been cast only for 7-10 days). EPOBASE FU14 also offers **excellent resistance to negative thrust** and is an excellent adhesion deck for liquid waterproofing systems, sports and industrial flooring. EPOBASE FU 14 is ideal as adhesive as construction joints between fresh and hardened concrete.

APPLICATIONS



CONSUMPTION
0.30-0.35 kg/sq.m.

COLOURS
Transparent

PACKAGING A+B
2 metal drums (one per component)
5 kg - 10 kg



EPOCON 312 TIXO



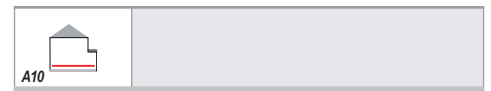
Three-component epoxy-cement coating in water dispersion for damp decks and trowelable decorative indoor floors

EPOCON 312 TIXO is a three-component epoxy-cement based thixotropic coating /primer, formulated to smooth and level cement decks even when moisture is present. EPOCON 312 Tixo has excellent adhesion properties on all building materials and concrete structures, floors and walls, even when no vapour barrier is present. The product may be painted with any thin, average or thick epoxy resin, cement and acrylic coating.

The product may also be used as **waterproofing resistant to reverse** (elevator shaft etc.) or **positive thrust** (RC tanks, swimming pools etc.).

EPOCON 312 Tixo is also ideal for indoor flooring with brushed finish (bathrooms, kitchens etc.). For this type of application we suggest you contact the *Technical Assistance Department of Casali's Synthetic Division* to define the best laying cycle according to your specific needs.

APPLICATIONS



CONSUMPTION
1.2 kg/sq.m. applied as smoothing finish in two consecutive coats

COLOURS
White

PACKAGING A+B+C
2 plastic drums (one per component)
+ 1 bag
16 kg



DERMACOLOR

Synthetic paint in water emulsion for bituminous membranes



DERMACOLOR is a synthetic resin-based paint in water solution with internal plasticisation.

DERMACOLOR is used to protect prefabricated waterproofing membranes and hot (oxidised bitumen) or cold (bituminous liquid membranes) fluid systems from UV radiation. DERMACOLOR may also be used to protect polyurethane foam and as coloured finish for the liquid waterproofing systems Dermacem and Acryroof Plus.

APPLICATIONS



CONSUMPTION

0.4 kg/sq.m.

COLOURS

White 601 - Red 102 - Grey 401 - Green 201

PACKAGING

Plastic drum
20 kg



DERMACOLOR COOL ROOF

Synthetic high-reflectance paint in water emulsion for bituminous membranes and metal decks



DERMACOLOR COOL ROOF is a high-reflectance synthetic resin-based white paint in water emulsion, which thanks to a special formulation containing special glass microspheres, is used to protect bitumen-polymer waterproofing membranes against UV radiation, significantly lowering the surface temperature (by up to 40°C with respect to a black membrane).

This attenuates the urban heat island effect and reduces damage to waterproof systems installed on roofs, giving a considerable energy saving due to reduced use of the air conditioning system of the building.

DERMACOLOR COOL ROOF was tested for its solar reflection index (SRI)* obtaining the excellent result of 103.5 (Test Report No. 313875 issued by the Giordano Institute on 05/03/2017).

The SRI index indicates the ability of a material to reflect ultraviolet rays, so that the higher the index the greater the solar rays transmitted by the material will be, meaning that less heat is accumulated and transmitted to the rooms below; tests carried out on the polymer bitumen membrane Casali Dermabit®.

DERMACOLOR COOL ROOF may also be used to protect polyurethane foam and as coloured finish for the liquid waterproofing systems Dermacem, Acryroof and Acryroof Plus.

APPLICATIONS



CONSUMPTION

0.4 kg/sq.m. for sanded membrane
0.6 kg/sq.m. for slated membrane

COLOURS

White

PACKAGING

Plastic drum
16 kg

*) SRI: Solar Reflection Index



POLYTOP

Drive-over polyurethane solvent-based scratch resistant finish for polyurethane and epoxy resin systems

POLYTOP is a two-component paint consisting of solvent-based aliphatic polyurethane resins that make the product highly resistant to UV rays, wear and chemical agents such as oils, fats and hydrocarbons. POLYTOP may be used as a coloured protective anti-abrasion, scratchproof and UV screening paint for polyurethane or epoxy resin waterproofing and/or floors (industrial, commercial, finish etc.). After using the product as primer, POLYTOP may also be applied as a protective, scratchproof finish and/or top finish even on ceramic, metal or cement decks (we suggest you contact the *Technical Assistance Department of Casali's Synthetic Division* to define the best laying cycle for your specific needs). Decks painted with POLYTOP are perfectly seamless ensuring complete hygiene and easy cleaning; the perfect choice for public toilets or in any case areas subject to constant use (such as gyms etc.), kitchens, offices, workplaces, etc. POLYTOP is available on request in the AS version (non-slip) and, in this case, the special synthetic filler AS which ensures good grip even in the case of damp surfaces, should be added when mixing the product. The filler used in Polytop AS improves its anti-skid properties without making the deck more difficult to clean.

APPLICATIONS



CONSUMPTION

0.1 kg/sq.m. on smooth decks
from 0.3 to 0.5 kg/sq.m. on rough decks or decks sprinkled with quartz sand

COLOURS

See colour range and codes on pg. 16
Colours in stock ready for delivery: P401
P409 - P410 - P102 - P209.

PACKAGING A+B

2 metal drums (one per component)
5 kg - 10 kg



ACRYTOP

Abrasive-proof step-steady layer for liquid acrylic waterproofing and bituminous membranes

ACRYTOP is a coloured synthetic resin-based coating with quartz sand filler in water solution and internal plasticisation, that is resistant to ponding areas and has excellent anti-abrasion and non-slip properties. ACRYTOP is used to make decks waterproofed with cement and acrylic systems (Dermacem and Acryroof Plus), step ready. The product may also be used to lay pedestrian lanes on polymer bitumen waterproofing membranes or simply to paint asphalt decks.

APPLICATIONS



CONSUMPTION

0.5 kg/sq.m.

COLOURS

White 601 - Red 102 - Grey 401 - Green 201
Other colours available on request.

PACKAGING

Plastic drum
20 kg



POOLCOLOR EVO

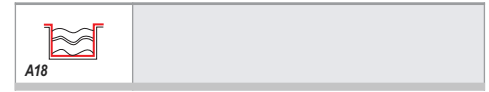
Chlorine-resistant paint for concrete swimming pools



POOLCOLOR EVO is a high-coverage UV-resistant synthetic resin-based coloured paint in water emulsion, used to paint the surface of RC tanks and swimming pools.

The product resistant to continuous contact with chlorine and active oxygen that are generally used to sanitize swimming pools; POOLCOLOR EVO is used as a coloured finish for the waterproofing system Poolcolor for swimming pools (please see specifications). POOLCOLOR EVO may not be used on drinking water tanks.

APPLICATIONS



CONSUMPTION

0.6 kg/sq.m. in 2-3 coats

COLOURS

Blue 302 - White 601 - Sand 457

PACKAGING

Plastic drum
20 kg



COLORPARK AC

Synthetic resin-based finish for colouring and protecting drive-over decks, A.N.A.S comply



COLORPARK AC is a coloured synthetic resin-based protective coating used on asphalt or concrete decks used for light vehicle traffic.

COLORPARK AC may be used together with the levelling coating Colorpark Level on asphalt or concrete decks (after applying a vapour barrier - see Epobase FU 14), or as a drive-over coloured finish of the waterproofing system Dermacem for light traffic (please see the relevant specifications).



APPLICATIONS



CONSUMPTION

0.5 kg/sq.m.

COLOURS

Colours in stock and ready for delivery: Red 102 - Grey 401 - Green 201. Other colours available on request subject to minimum quantity orders: Dark Green 202 - Blue 302 - Blue 303 - Orange 151

PACKAGING

Plastic drum
18 kg



COLORPARK LEVEL

Middle smoothing layer of the drive-over Colorpark system



COLORPARK LEVEL is coating consisting of acrylic resins and specially selected sand, used as a middle smoothing layer in the Colorpark acrylic waterproofing-drive-over system. The product is generally used as the middle levelling layer on decks waterproofed with the Dermacem waterproofing system, in order to level out any roller flaws and the reinforcement joints of the waterproofing package. COLORPARK LEVEL may also be used to smooth and level asphalt decks in order to obtain a more level and smoother finish or to prepare the deck for the acrylic resin layer. The wearproof finish Colorpark AC is generally used to protect COLORPARK LEVEL and make it suitable for vehicle traffic.

CONSUMPTION

1 kg/sq.m. in 2 coats. Coverage may vary according to the roughness of the deck.

COLOURS

Colours in stock and ready for delivery: Red 102 - Grey 401 - Green 201. Other colours available on request subject to minimum quantity orders: Dark Green 202 - Blue 302 - Blue 303 - Orange 151

PACKAGING

Plastic drum
25 kg



PASTEDIL EP 11

Two-component epoxy-polyurethane glue / stucco



PASTEDIL EP 11 is an epoxy-polyurethane based two-component product used in the building industry. The product may be used to glue PVC and TPO prefabricated membranes on cement decks or bind low porosity or smooth components (metal surfaces, wood, parquet, etc.) or used as stucco to repair damaged industrial floors or fill and level out small hollows.

Thanks to its two-component technology, PASTEDIL EP 11 ensures secure tough gluing and may also be used on decks subject to rising damp.

To improve filling performance, a quantity of no more than 35% (in weight) of quartz sand with grading between 0.1 - 0.3 mm may be added to PASTEDIL EP 11 (after adding the filler test the product on a small part of the surface in order to ensure that the material meets your requirements).

The product may be used for bonding and gluing polyurethane insulation panels but is not suitable for use on polystyrene panels.

CONSUMPTION

Consumption varies according to the type of materials to plaster or glue.

When used as stucco: depending on the hollows to fill in.

When used as glue: about 0.6 kg/sq.m. that should be tested according to the type of surface.

COLOURS

Grey

PACKAGING A+B

Plastic drum + bottle of hardner

A+B=12 kg



TOOLS



RUBBER SPATULA - Using a rubber spatula will allow you to apply the product in a smooth and uniform manner. This is the best tool to use for a smooth and uniform finish. It may be used with most acrylic products such as Acrytop, Colorpark Level, Colorpark AC, etc.



ADJUSTABLE SPATULA
This tool is used specifically to lay self-levelling polyurethane and epoxy resins. With this tool you can adjust the thickness of the material applied to each layer very accurately.



ALUMINUM HANDLE FOR SPATULA



CALIBRATED TROWEL
This is the perfect tool for applying polyurethane, epoxy-polyurethane glues.



SPIKED ROLLER



NAILED SHOES



MEDIUM-PILE ROLLER
This is the perfect roller for water-based acrylic finishes, acrylic and cement liquid waterproofing and solvent-free epoxy and acrylic primers.



ROLLER FOR SOLVENT-BASED PAINTS
Short-pile roller for solvent-based paints. Leaves no lint or flaws on the surface. Recommended specifically for Polytop, Harder AR, Rainproof, etc.

BI FIX *Concentrated all-purpose adhesive and waterproofing additive for mortars*



BI FIX is an elastic synthetic resin-based waterproofing adhesive latex concentrate in water emulsion. The product improves the grip of cement mortars, making them more resistant to wear and atmospheric agents, while improving the life of the paste and making it easier to apply. Bi fix also ensures high resistance to micro-cracking and forms a perfect construction joint between old and new concrete. The product is used to prepare adhesive grout to finish decks and to prepare plaster, screeds and concrete floors.

CONSUMPTION

0.4-0.5 l/sq.m. for grout
0.6-0.7 l/sq.m. for finishing products
50 l/cu.m. for screed and plaster mortars

COLOURS

Milky white

PACKAGING

Plastic drum
5 l - 10 l



DIL A1 *Solvent for polyurethane resins*



DIL A1 is used to thin (or clean the tools used to apply) any solvent-based polyurethane product: Harder AR - Polytop - Rainproof

COLOURS

Transparent

PACKAGING

Metal drum
10 l



DIL R1 *Mineral turpentine-based solvent*



DIL R1 is used to thin (or clean the tools used to apply) the following products: Acrybase S - Dermarubber S - Dermarubber S/P - Silvisol

COLOURS

Transparent

PACKAGING

Metal drum
1 l - 10 l



DIL S1 *Synthetic solvent*



DILS1 is used to thin (or to clean the tools used to apply) the following products: Acrybase S - Epobase - Epobase S - Epobase FU 14 - Dermarubber S - Dermarubber S/P - Pastedil EP 11

COLOURS

Transparent

PACKAGING

Metal drum
1 l - 10 l





Casali S.p.A.
z.l. C.I.A.F.
60015 - Castelferretti (AN)
ITALY

tel. +39 071 9162095
fax +39 071 9162098

www.casaligroup.it
info@casaligroup.it

