

Creating the Auture

INDUSTRIAL FLOORING





Self Leveling

AUTOLIVELLANTE

Self Leveling Cementitious Mortar

A fine powder composed of cement, selected aggregates, additives and special synthetic resins. When mixed with water it forms a very fluid and flowing mixture perfectly leveling with easy application and good adhesion to the support.



Screed

NEOCEM SCREED

Pre-mixed Floor Screed

Ready to use cement based floor screed. It is a single compound formulated specially from hydraulic cement, graded aggregates, silica sand, fiber and special chemical additives. It is ideal for leveling smoothing uneven floors prior to laying decorative floor coverings, carpets floor tiles or any other finishing. It can be applied to most of substrates.

FAST CURE FLOORING SYSTEM

Self Leveling

EPOFLOOR SL FC

Fast Cure Solvent Free Epoxy Self Leveling topping

Solvent free self-leveling floor topping based on formulated epoxy resin and curing agents specially selected for their ability to be applied and cured in cold temperatures

Uses

- Commercial and residential car parking
- Workshops
- Warehousing and storage facilities
- Chemical and pharmaceutical factories
- Food factories and slaughterhouses
- Schools and office buildings
- Showroom

HEAVY DUTY INDUSTRIAL FLOORING SYSTEM

Epoxy Mortar

EPOFLOOR SC IF

Solvent Free Trowable Epoxy Mortar

Solvent free trowable mortar for floors based on formulated epoxy resin, curing agents and silica sand specially selected for their ability to be applied and cured in ambient temperatures.

Uses

- Commercial and residential car parking
- Workshops
- Warehousing and storage facilities
- Chemical and pharmaceutical factories
- Food factories and slaughterhouses



BETOHARD D

Dry Shake Floor Hardener

A blend of hydraulic binder, special aggregates and selected additives to provide optimum performance when applied to fresh concrete floors. BETOHARD D will provide continuous protection to concrete floors against wear, impact and abrasion. In addition, it provides a high resistance to various industrial flooring against chemicals, oils, greases, detergents and hydraulic fluids found in the aviation industry.

BETOHARD L

Liquid Floor Hardener & Dust Proofing

A clear liquid based on sodium silicate, it can be used to harden both concrete floors and granolithic paving where dusting is a problem. It also improves abrasion resistance and protects against wear.

BETOHARD L reacts chemically with the free lime and other calcium products in the cement, to provide hard insoluble crystals which binds the particles together to produce permanent protective coating.



EPOFLOOR LM

Line Marking Coating for Traffic

A specially formulated fast drying line marking paint that can be applied in one coat for marking paint that can be lines on concrete, asphalt, epoxy or polyurethane surfaces. EPOFLOOR LM paint is based on modified chlorinated rubber hybrid.



PRIMER PU

Solvent Based Epoxy Primer

PRIMER PU is a single pack, modified polyurethane primer designed to improve adhesion between a large variety of coatings and substrates. It acts as a sealer on porous substrates such as concrete and improves adhesion to difficult substrates such as non-ferrous metals.



PRIMER POXY FF

Solvent Based High Performance Epoxy Primer

A two component solvent free low viscosity epoxy primer. It has an outstanding adhesive bond between the substrate and the epoxy or polyurethane flooring coating.

PRIMER POXY PU

Solvent Free High Performance Epoxy Primer

A two component solvent free, low viscosity epoxy primer for polyurethane floor coating system. It has an outstanding adhesive bond between the susbtrate and the polyurethane coating.

POLYURETHANE FLOOR FINISH

Flooring Systems

EPOFLOOR P 1100

Seamless, Flexible, Polyurethane Flooring System

A polyurethane based flooring system designed to be applied for commercial, semi-industrial and institutional applications. It provides high durability and excellent long term comfortable floor coating system.



EPOFLOOR P 1200

Seamless Heavy Duty Polyurethane Flooring System

A multi-layered, UV resistant, flexible Polyurethane based system for the protection of concrete floors subject to high levels of traffic, impact and abrasion.



EPOFLOOR P 1140

Seamless Polyurethane Traffic Deck Coating System

A multi-layered, seamless, UV stable, polyurethane deck coating system. It is designed for floors where superior impact and wear resistance are required.



EPOFLOOR P 2500

Flexible, Skid Proof, Watertight Protection Flooring System

A specially formulated polyurethane -based traffic deck system comprising a primer, waterproof fairing coat and a UV resistant wearing course specifically designed to create a remarkable protection for both new and existing heavily trafficked areas.



EPOXY FLOOR FINISH

Floor Coatings

EPOFLOOR E 100

Epoxy Floor Coating

EPOFLOOR E 100 is a two component solvent based epoxy system suitable for floor coating. It forms smooth, semi-gloss, tough finish that has outstanding resistance to abrasion, chemicals, impact and spillage of solvent, fuel, diesel, oil, diluted acid and alkaline solutions. The product adheres perfectly to a variety of supports like concrete metal, wood, stoneware etc.

EPOFLOOR E 250

High Performance Epoxy Floor Coating

EPOFLOOR E 250 is a two components solvent free epoxy system consisting of a colored base resin, hardener. It is suitable for chemical protection coverings of industrial pavements, reinforced concrete and metallic structures.

EPOFLOOR E 250 adheres perfectly to a variety of supports like: concrete, metal, wood, stoneware, etc. Once cured, the product transforms to an anti-dust, chemical resistant continuous membrane. The applied coating is characterized excellent abrasive resistance and mechanical strength.

Flooring System

EPOFLOOR E 2000

High Build Solvent Free Epoxy Flooring System

A medium to heavy duty solvent free pigmented epoxy coating system designed for the incorporation of skid resistant aggregates within its surface. It provides high durability and excellent long term defenses against abrasion, impact and general chemical spillages. It is a floor coating system for basements and ground floor car parks which exhibit little or no structural movements.



Epofloor E 100 *Primer Poxy FF Concrete Repair







Self Leveling

EPOFLOOR SLE

High Performance Self Leveling Epoxy Flooring

A solvent free high performance three components pigmented self leveling product composed of epoxy resin, produced in two different grades EPOFLOOR SLE 25 is designed as self leveling epoxy for use on concrete floors or steel substrates with thickness from 0.5mm to 2.5mm, whereas EPOFLOOR SLE is used for thickness from 2.5mm to 5mm. EPOFLOOR SLE has high filling ability when applied to concrete floors. Once cured, it provides a watertight seamless coating with high abrasion, mechanical and chemical resistance.

Coal Tar Resin

EPOFLOOR ECT

Heavy Duty Anti-Skid surface dressing

Solvent-free liquid protective coating system based on coal tar modified epoxy resins, amine curing agents and chemically inert, graded silica fillers which when mixed forms a fluid, homogeneous slurry.

It is a lightweight yet exudes an extremely heavy-duty anti-skid surface to various types of substrates such as concrete and steel.

Mortar Screed

EPOFLOOR HM

High Performance Epoxy Floor Screed

A three component non shrink epoxy resin based mortar screed, used for industrial flooring. It is designed for application at a nominal thickness of 5mm and above.

It is used where high mechanical and general chemical resistant is required for flooring. It is also suitable for use as a coving or repair mortar.











Floor Coatings

EPOFLOOR P 125

Polyurethane Coating for Concrete Floors

A two component high solids polyurethane coating. Used as a chemical and abrasion resistant coating for pedestrian or traffic flooring on concrete, wooden and metal surfaces.

EPOFLOOR P 200

High Build Flexible Polyurethane Floor Coating

A high performance polyurethane coating specifically developed for use as a high build flexible floor coating. It has outstanding impact and chemical resistance coupled with a high degree of flexibility.

Self Leveling

EPOFLOOR SLP

Self Leveling Polyurethane Floor Topping

A solvent free, high performance three component pigmented self leveling floor topping, composed of polyurethane resin and specially selected silica which provides a surface with excellent resistance to abrasion, chemical attack and other forms of physical aggression. It is produced in two different grades. EPOFLOOR SLP 25 is designed as self-lveling polyurethane for use in concrete floors or steel substrates with thickness from 0.5mm-2.5mm. Whereas, EPOFLOOR SLP 50 is used for thickness from 2.5-5.0mm

Mortar Screed

EPOFLOOR TX

Heavy Duty Polyurethane Floor Screed

A high performance, three component polyurethane based floor screed designed to provide excellent resistance to abrasion and chemical attack. It is designed for application at normal thickness from 6 to 9mm.



Epofloor P 125 Primer Poxy PU Concrete Substrate







DUBAI

P.O. Box 123808 Dubai - UAE T. + 971 4 8803488 Email. colmef@colmef.ae

ABU DHABI

P.O. Box 1127326 Abu Dhabi - UAE T. +971 2 5511949 Email. colmef@colmef.ae

KSA

P.O. Box 355896-Code: 11383 Riyadh - KSA T. +966 12654277 F. +966 12654335 Email. info@saudicolmef.com

ISO 9001

ITALY

COLMEF s.r.l. Z.l. Ponte d' Assi 06024 Guibbio (PG)





Creating the Future

JOINT SEALANTS



Joint Sealants

Acrylic Sealant

Acryseal AC

Multi Purpose Paintable Acrylic Selant

A single component gun grade sealant formulated by using acrylic emulsions and special additives. Hence, the product is easy to apply and efficiently seals joints between construction parts subjected to moderate stress. It is a ready to use thick paste which seals internal and external joints such as concrete, masonry, plasters, dry walls, plastic and wood. ACRYSEAL AC can be used for sealing all low movement joints.

ADVANTAGES

- Easy to use one component type.
- Cures at room temperature at ambient humidity conditions

Polyurethane Sealants

2 Components:

Elastoseal PU

Two Components Polyurethane Sealant

ELASTOSEAL PU Polyurethane Sealant is a high-performance, elastomeric, chemicallycuring, multi-purpose Polyurethane sealant. When cures it forms an elastic, joint sealant with high mechanical strength, abrasion resistance, and with high extensibility to withstand long-term abuse and dynamic movement. ELASTOSEAL is produced in two grades.

- ELASTOSEAL PU-PG, a self-leveling pouring grade for horizontal joints
- ELASTOSEAL PU-GG, a thixotropic gun grade for vertical joint applications.

No surface pre-treatment or primer required in most of the surfaces.

- Water based low VOC sealant.
- Non-Cracking
- Accommodates up to 20% joint movement.



One Component:

Elastoseal PU25 / PU40

Single Component Polyurethane Joint Sealant

A high performance, single component moisture curing polyurethane, elastomeric joint sealant. When cures it forms a flexible, weather proof joint sealant with superior adhesion to most substrates.

ADVANTAGES

- Specially developed for sealing expansion joints
- Can be applied for both horizontal and vertical surfaces
- Fast curing skin formation which significantly reduces dirt collection

Epoxy / PU Sealants

Elastoseal EPU

Heavy Duty Epoxy Urethane Joint Sealant

A two component self-leveling epoxy modified polyurethane joint sealant. It can be poured directly into horizontal joints in order to form a tough resilient seal containing a limited degree of flexibility. It can accommodate small amount of movement in expansion and contraction but can take high compressive stresses.

ADVANTAGES

- Easy to apply and cures rapidly
- Excellent adhesion to concrete and asphaltic substrates
- Extremely resistant to chemicals and hydrocarbon
- Self-leveling to produce uniform and neat joints

Joint Sealants

Bitumen Sealant

Conmastic

Highly Rubberized Bitumen Sealant

A single component, ready to use bitumen sealant with selected grade of asphalt, high content of elastomeric rubber, fibres, mineral filler, anti-sagging agent and fast evaporating solvent. CONMASTIC can be used for sealing and waterproofing of joints, cracks, holes, etc. Once cured, CONMASTIC forms black flexible sealant with excellent adhesion to most of construction products.

Polysulphide Sealants

Elastoseal PS

Two Component Polysulphide Sealant

A two part, high performance Polysulphide joint sealant. It is specifically designed for sealing movement joints in buildings and civil engineering structures especially where the service conditions would be harsh for most common sealants.

- PG Self-leveling pouring grade for horizontal joints
- GG Thixotropic gun grade for vertical joint applications

ADVANTAGES

- Single component, ready to use formulation.
 No preheating is required
- Excellent adhesion and bonding properties
- Good expansion and contraction properties
- Good mechanical properties
- Easy applied by tools or by gun
- Resistant to bacterial attack

Coal Tar Sealants

Elastoseal CTP

Coal Tar Extended Polyurethane Joint Sealant

A two component pitch extended, Polyurethane based joint sealant that cures to provide a durable and elastic seal, with superior resistance against exposure to severe climate conditions, UV light and other chemicals.

ADVANTAGES

- Extremely resistant to chemicals and high grade hydrocarbon fuel
- Permanent and uniform water tight seal
- Load bearing for support of arises under heavy wheel load

Joint Fillers

Jointex BT

Bitumen Impregnated Fibreboard

Manufactured from impregnated wood fibres that serve as an excellent compressible joint filler and protection board. It is used to form and fill expansion joints in in-site and pre-cast concrete construction industry.

Primers

Seal Prime

Primer for Joint Sealants

A low viscosity single component adhesion promoting primer for movements and control joints in porous substrates. It forms a chemical bridge at the interface between the concrete surface and the sealant which is applied into the joint.

Cordoflex

Technical Polyethylene Foam Cord for Expansion Joints

A closed cell polyethylene foam cord with minimal water absorption for sizing static and dynamic joints in the building industry. Available in different sizes that ranges from 6mm to 50mm in diameter and could be applied both vertically and horizontally.

Seal Prime NP

Non-Staining Primer for Non Porous Joints

A one component, colorless, non staining primer especially designed to secure adhesion for joints in non porous substrates. SEALPRIME NP is composed of a moisture reacting organosilane in a mixture of volatile solvents, and additives to ensure overall wetting of the substrate.





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KSA

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ITALY

COLMEF s.r.l. Z.I. Ponte d' Assi 06024 Guibbio (PG)



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TILE ADHESIVES

TILE GROUTS

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		CEMENTITIOUS ADHESIVES											REACTION ADHESIVES READY MIXED ADHESIVES			CEMENTITIOUS GROUTS				REACTION
ADVISABLE USE USE ADMISSABLE ORLY WHEN MIXED WITH ELASTOKOL		X		2		an an			Â									A Contraction		
PRODUCT	NEOFIL TILE GLUE	NEOFIL TILE GLUE PLUS	NEOFIL F7	NEOFIL TILE GLUE ULTRA	NEOFIL F8	NEOFIL POOL FIX	NEOFIL STONE FIX	NEOFIL MOSAIC FIX	ADERCOL	ARREDO COLLA	SILIKOLL FLEX	POXYCOL	NEOFIL M10	NEOFIL P8	NEOFIL TILE GROUT	NEOFIL TILE GROUT THICK	NEOFIL COLOR 0-4	NEOFIL COLOR 4-20	NEOFIL FUGACOLOR	NEOFIL POXY
BS EN 12004 Class	CI	CIT	CIT	C2T	C2TE	C2TE	C2TE	C2TE	C2TF	C2TF	C2TE S1	R2T	D1	DITE	CG1	CG1	CG1	CG1	CG2AW	RG2AW
Color	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Grey/White	Creamy White	White Paste	Colored	Colored	Colored	Colored	Colored	Colored
Packing	20 kg bag	25 kg bag	25 kg bag	25 kg bag	25 kg bag	25 kg bag	25 kg bag	25 kg bag	30 kg kit	25 kg bag	25 kg bag	8 kg kit	20 kg pail	20 kg pail	5 kg	5 kg	10 kg	10 kg	5 or 10 kg	8 kg kit
Tiles Types (C/P/S/M)	с	с	с	C/P	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M	V/W	C/P/S/M/V/W	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M	C/P/S/M
Tiles Sizes	up to 45 cm.	up to 60 cm.	up to 60 cm.	up to 60 cm.	up to 1 m.	up to 1 m.	up to 1 m.	up to 1 m.	up to 1 m.	up to 1 m.	small/large tile	up to 1 m.			0 - 6 mm.	4 - 20 mm.	0 - 4 mm.	4-20 mm.	0 - 6 mm.	3 - 10 mm.
Special Flooring (Vinyl/Wood/Carpet)			(<u> </u>										•	•						
Moisture Sensitive Tiles									•	•	•	•								•
Thin Veneer Tiles									•	•	•	•							•	•
Dry Areas (Rooms/Corridors etc)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wet Areas (Kitchens/Bathrooms etc)	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•
Swimming Pools/Fountains	<u> </u>	ļ/	<u> </u>	•	•	•	•	•	•	•	•	•					•	•	•	•
Normal Concrete Walls/Floors	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GGBS/MS Concrete Walls/Floors	<u> </u>	ļ!	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cement Plaster/Render/Screed	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cement Boards	<u> </u>	ļ!	<u> </u>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gypsum Plaster/Screed	<u> </u>	ļ/	A			^		A	A	•	•		•	•	•	•	•	•	•	•
Gypsum Boards	<u> </u>	ļ!	A	A	A	^		A	A	•	•		•	•	•	•	•	•	•	•
Metallic Surfaces	<u> </u>	ļ'	<u> </u>	ļ'	ļ'	L		!				•							[]	•
Chemical Resistance	<u> </u>	ļ/	<u> </u>		ļ				L			•	1						L	•
Tile Over Tile	1 I	()	1 /	((•)	i 🔺	▲		1	^	▲	•	•	•	•	•	•	•	•	E •

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Creating the Auture

WATERPROOFING



WATERPROOFING SYSTEMS

LIQUID APPLIED WATERPROOFING

CEMENTITIOUS WATERPROOFING BITUMINOUS WATERPROOFING POLYURETHANE WATERPROOFING EPOXY WATERPROOFING ACRYLIC WATERPROOFING

2 SHEET MEMBRANE WATERPROOFING

BITUMINOUS SHEET WP MEMBRANE SYSTEM PVC MEMBRANES PVC WATERSTOPS

3 SPRAY APPLIED PU FOAM WATERPROOFING



LIQUID APPLIED WATERPROOFING



CEMENTITIOUS WATERPROOFING

KRETESIL

Cementitious Waterproofing Osmotic Mortar

IDROLASTIC

Elastomeric Cementitious Waterproofing Mortar

A ready-mix, cementitious, and surface applied, waterproofing membrane consisting of Sulphate resistant cement, graded quartz and inorganic additives. A two component mortar composed of special type of cements, bonding agents, selected fillers and special additives (component A) and water based synthetic acrylic co-polymer (component B).

MANTOBRUSH

Elastomeric Cementitious Waterproofing Mortar

A two component, cementitious acrylic modified waterproofing coating. It is composed of special types of cements, silica sand, reactive fillers (powder), and acrylic polymer blended with chemical additives (liquid). Once mixed, it produces a workable, easy to apply, product that can be applied with brush or spatula.





BITUMINOUS WATERPROOFING

ASFABIT RANGE

ASFABIT PRIME

Quality Black Bitumen Primer

ASFABIT EM

Emulsified Thixotropic Flexible Protective Barrier to Vapor Transmission

A quick drying solvent based low viscosity bitumen primer. it is used as a primer coat on masonry and concrete substrates to improve the adhesion of bitumen based membranes and coatings. Low in viscosity. An emulsified thixotropic bitumen protective coating. The coating dries to form a black flexible protective film. The finished film forms a tough barrier to vapor transmission.

BITUFLEX

Elastomeric SBS Modified Liquid Applied Waterproofing Membrane

An SBS modified bituminous liquid membrane composed of elastomers, bitumen, resins and additives dissolve in solvent. It is a thixotropic paste easily applicable horizontally and vertically. Once dried it forms an elastic, continuous, waterproofing membrane resistant against thermal changes, UV rays and acid rains.



POLYURETHANE WATERPROOFING

ELASTOTHANE WP1

Elastomeric Single Component Polyurethane Waterproofing Membrane

A single component moisture-cured elastomeric polyurethane membrane coating. It is liquid applied, user friendly, gives long lasting maintenance and free waterproofing protection to concrete and steel structures.

ELASTOTHANE WP2

Two Components Elastomeric Polyuethane Waterproof Coating

A two component, solvent free, liquid applied Polyurethane based waterproofing coating. It cures upon reaction of its two components and the resulting membrane is high performance seamless elastomeric waterproofing.

ELASTOTHANE TR2

Pitch Elastomeric Two Component Polyurethane Waterproofing Membrane

A liquid applied, coal tar modified, two component moisture-cured Polyurethane coating, designed to form a seamless, elastomeric rubber waterproofing membrane.

EPOXY WATERPROOFING



ELASTOTHANE TR

Pitch Elastomeric Single Component Polyurethane Waterproofing Membrane

A liquid applied, pitch modified, single-component moisture-cured polyurethane coating, designed to form a seamless, elastomeric rubber waterproofing membrane.



EPOCHIM PWT

Solvent Free Epoxy Coating for Potable Water Tank

A two component, 100% solids, epoxy protective coating for concrete and steel. The cured film is resistant to corrosion, abrasion and chemical attack and is listed safe for potable water and incidental food contact.

ADVANTAGES

- Approved to use with potable water
- Eco-friendly No VOC
- Waterproof and protective coating with good aesthetic appearance
- ▶ High chemical and abrasion resistance
- Excellent adhesion to most building materials (concrete, steel) thereby providing maximum corrosion resistance
- Application friendly

ACRYLIC WATERPROOFING

MANTOFLEX

Elastomeric Acrylic Waterproofing Membrane

A product composed of water based synthetic polymers. It is a thixotropic paste, easily applicable on horizontal and vertical surfaces. Once dried, it forms an elastic, continuous, waterproofing membrane that is resistant to thermal changes, UV rays, and diluted acid solutions.



2 SHEET MEMBRANE WP SYSTEM

BITUMENEOUS SHEET WATERPROOFING SYSTEM

COLBETOMO APP

APP Modified Bitumen Waterproofing Membrane

An atactic polypropylene (APP) modified bitumen waterproofing membrane with non-woven spun-bond polyester or glassfiber reinforcement designed for general waterproofing applications.

COLBETOMO SBS

SBS Modified Bitumen Waterproofing Membrane

A styrene-butadine-styrene modified bitumen waterproofing membrane reinforced with non woven polyester designed to provide sub-structure concrete surfaces with optimum waterproofing protection.

COLBETOMO SSA

Solar Self Adhesive Waterproofing Membrane

A bitumen waterproofing membrane designed to provide sub-structure concrete surfaces with optimum waterproofing protection. It is impermeable to water, very flexible and easy to work around protrusions and contours.

BETOBOARDI

Protective Bituminous Board

A pre-formed bituminous board modified with a special rigid compound. It is used to protect the waterproofing during backfilling procedures (retaining walls, fixed pavements, cast concrete etc.) and construction traffic.





INSUWRAP

PVC WATERPROOFING MEMBRANE SYSTEMS

TYPES OF INSUWRAP WATERPROOFING MEMBRANES



ROOF WATERPROOFING



INSUWRAP PVC WM/WMR RANGE

- ▶ WM for Covered Roofs
- WMR UV Range (For Exposed Roofs)
- Membrane thickness:
 1.2mm 1.5mm 1.6mm 2.0mm

SUBSTRUCTURE BASEMENT WATERPROOFING



INSUWRAP PVC TNL/TNL-FB RANGE

Membrane thickness:
 1.5mm - 2.0mm - 2.2mm - 2.5mm - 3.0mm

PVC WATERSTOP



Primarily composed of high grade quality Poly Vinyl Chloride compound that are plasticized and stabilized on order to offer an extra long life performance in concrete structure against water leakages. It is specially designed to serve as an integral sealing system for construction, contract and expansion joints in areas where water retention and water exclusions is required.

ELASTOJOINT PVC is manufactured to meet the most strength performance specifications and is highly resistant to abrasion and chemicals. (Traditional & Heavy Duty Profiles).

ADVANTAGES

- Has a variety of profile selections to satisfy on-site conditions.
- High endurance for extreme water pressure.
- Easy to intall / simple on-site butt welding.
- Reinforced eyeleted edge flanges for positive fixing.
- Four valve sealing system on all profiles.
- Exceptionally if exposed at adverse environmental condition.
- Heavy duty profiles are available upon request.
- ▶ 150mm, 320mm PVC Waterstop are available with minimum order requirements.



PVC WATERSTOP

ELASTOJOINT PVC









PVC WATERSTOP

ELASTOJOINT PVC

Flexible PVC Waterstop

Must be securely fixed to avoid moving during concrete placement. Failure to achieve this will result in misaligned or non-active waterstops.

EXTERNALLY PLACED WATERSTOPS

These waterstops are designed for use in basement, foundation and floor slab construction in vertical and horizontal joints in both water excluding structures.

When used in walls, externally placed waterstops will only resist water pressure from the face to which they are mixed. When used below floor slabs, where the watersop is supported by the blinding concrete or when placed in vertical situtations against permanent concrete shuttering, exernally placed waterstop will resist water pressure from either face.

CENTRALLY PLACED WATERSTOPS

These waterstops are positioned within the thickness of the concrete components thus as a result are supported by concrete on both sides. In this manner, they can be able to endure water pressure coming from either side making them suitable for use in water retaining structures. They function to inhibit loss of water from within the tank and will prevent ingress of water when the tank happens to drain down.



WATERSTOPS

ELASTOJOINT SB20

Hydrophilic Swellable Waterstop Joint Profile

Highly polymerized, rubber based material with various additives. It has a unique properties that when in contact with water, its volume expands in a controlled fashion up to approximately 400%, guaranteeing a watertight seal between fresh and cured concrete as well as, on cracks caused by hydrometric shrinkage of concrete or structural movements.

ADVANTAGES

- Easy to install (no rails, bonding agents & welding required)
- ▶ No hardening nor curing time pre-requisite.
- Powerfully bonds with old and new concrete.
- Extremely durable and has superb waterproofing results
- Easy to shape and form joints
- Delayed swelling ability inhibits premature expansion in cases of adverse weather condition during installation or during pouring of concrete.
- ► Toxic and hazard threat-free
- Exceptionally flexible
- Good resistance to acids, alkalis and most aquaeous solutions



The grooved profile of the ELATOJOINT SB20 section improves the concrete bonding and enhance waterproofing performance.

ELASTOJOINT RHS+

Flexible Re-Injectable Hose Waterstop System

ELASTOJOINT RHS PLUS is a flexible re-injectable hose installed in concrete joints to waterproof and seal any crack or voids in the joint area to prevent leakage. It is specifically designed flexible solid PVC thermoplactic rubber covered by sponge strips.

ELASTOJOINT RHS PLUS offers a complete maintenance program for future leakage. If water test performed and voids in the joint are indicated, the voids should be filled with all type of injecting material, micro fine cements, cement slurry, acrylic & acrylates. These injecting materials are highly compatible with concrete.

ADVANTAGES

- Fast and can easily be installed.
- Proven and predictable performance.
- > Joints can be tested or verfied for water tightness.
- No drilling required thus prevents damage to concrete.
- Economical and maintenance free
- > Operates under high or low injection pressure
- Does not depreciate even when exposed to injection materials.
- Suitable for multiple injections to seal working joints against pressing and non-pressing water.





3 SPRAY APPLIED PU FOAM WP

COLMEFOAM HD

Spray Polyurethane Foam For Roof Waterproofing

A Rigid Polyurethane Foam. Suitable for the insulation of roofs, sheds, bays, farms, storage tanks and pipes through spraying process. If properly processed, the foam has good ageing characteristics and is classified B3 as per DIN 4102.







KSA DUBAI P.O. Box 123808, Dubai - UAE P.O. 355896-Code: 11383 Riyadh - KSA T. +971 4 8803488 T. +966 12654277 F. +966 12654335 E. colmef@colmef.ae E. colmef@colmef.ae **ABU DHABI ITALY** COLMEF s.r.l. P.O. Box 1127326, Abu Dhabi - UAE Z.I. Ponte d' Assi T. +971 2 5511949 06024 Guibbio (PG) E. colmef@colmef.ae ISO 9001 www.colmef-me.com