



TA GROUP
S.A.R.L

COMPANY PROFILE



GREY PRODUCTS WITH GREEN DIFFERENCE ...

ABOUT US

TA Group is a diversified growing company dealing with engineering, construction and specialty contracting. Backed with over 25 years of experience, TA Group could attain customers' satisfaction by providing high-quality products and services.

Within this frame, every member of our team has the knowledge, skills and passion to implement our Quality Management system, and to support our clients in making their projects real, durable and within budget.

To comply with its mission, TA Group nurtures a philosophy of an unending process of development , whether by adopting construction related innovative techniques , or by the permanent training and evolution of its staff. Only then, TA Group can realize its vision in providing flawless construction projects.

■ **MISSION**

To be a pioneer in providing the most innovative technologies

■ **VISION**

To make the art of construction perfect

■ **VALUES**

- ✓ Integrity
- ✓ Dedication
- ✓ Excellence
- ✓ Assurance
- ✓ Loyalty

SERVICES

■ CONSTRUCTION PROJECTS

TA Group is well engaged in all facets of construction from the conceptual phase till the completion of a project. Our strength is the ability to deliver projects on time and on budget without compromising quality.

Some of our construction activities include but not limited to:

- ✓ Residential buildings
- ✓ Office buildings
- ✓ Historic Renovations and Restoration projects
- ✓ Cultural and Religious projects
- ✓ Commercial and Industrial projects
- ✓ Institutional projects
- ✓ Interior construction

■ SPECIALTIES PROJECTS

TA Group is also active in the supply and application of specialty products and services to contractors, builders and / or owners where quality and proper application are paramount.

Our specialties activities are summarized as follows:

- ✓ Waterproofing
- ✓ Light weight concrete
- ✓ Fiber reinforced concrete
- ✓ Concrete Repair systems
- ✓ Structural strengthening
- ✓ Renders and Special Coatings
- ✓ Acoustic & vibration insulation
- ✓ Cellular Glass insulation for building Envelope
- ✓ Anti-Corrosion Zinc Coating for Galvanic Protection of Steel Structures

SERVICES

■ RESTORATION & RENOVATION

The renovation of a building can often be more complex than the construction of a new one. It's always a challenge to have your structure restored and renovated without losing its historical and antique value. T.A. Group is a leading company in the building restoration and renovation sector. Dealing with historical and old structures with high aesthetical and architectural value, we guarantee professionalism and reliability through our skilled labors in addition to the ongoing quality management on the construction site.

- ✓ Historical Restoration
- ✓ Plaster and Special Mortars
- ✓ Natural Hydraulic Lime
- ✓ Old Stones Repair and Finishing
- ✓ Acoustical Restoration and Renovation
- ✓ Lightweight and Insulating Pre-Mixed Material

■ SUSTAINABLE CONSTRUCTION / GREEN BUILDING CONSTRUCTION

Tomorrow's habitat will comply with all dimensions of comfort. Everyone wants to enjoy a sense of well-being in their home, to feel safe, protected from the negative aspects of the outside world, comfortable and healthy.

T.A. Group provides solutions that make buildings more efficient in terms of their energy consumption, and which help contribute to saving the planet. Most of its solutions are already helping and will help even more in the future to improve the energy efficiency of buildings.

- ✓ Thermal Comfort
- ✓ Health Comfort
- ✓ Acoustic Comfort
- ✓ Visual Comfort
- ✓ Modular and Security Comfort

PRODUCTS & SOLUTIONS

1. WATERPROOFING

▪ CRYSTALLINE CONCRETE WATERPROOFING

➤ CONCRETE WATERPROOFING ADMIXTURE

- ✓ **Krystol Internal Membrane™ (KIM®)** is an integral crystalline concrete waterproofing admixture. When combined with water, KIM's proprietary chemicals react to form millions of needle-like crystals that fill the capillary pores and micro-cracks in the concrete, blocking the flow of water. **KIM** protect against chemical attack and the corrosion of reinforcing steel.

Waterproofing Precast Concrete

Add **Krystol Internal Membrane™ (KIM®)** to the water and building precast concrete units and you will benefit from products that arrive at the jobsite pre-waterproofed.

PRAH

Kryton's **Krystol Internal Membrane™ (KIM®)** is the only admixture that demonstrates the performance of a hydrophilic crystalline, **PRAH**. **KIM** provides the highest level of water resistance, self-sealing and field-proven longevity, which proves its effectiveness as a **PRAH**. Why is **KIM** the only true **PRAH**?

- **KIM** has the highest level of water resistance when testing using DIN 1048
- 5 (permeability test).
- **KIM** is the only admixture to independently demonstrate self-sealing properties.
- **KIM** has the longest history of being used in the most demanding waterproofing projects.

Waterproofing Shotcrete

Using **Krystol Internal Membrane™ (KIM®)** to waterproof structural Shotcrete instead of membrane will reduce risk, help build faster, reduce cracking, reliably waterproof around pipes and penetrations, etc...

PRODUCTS & SOLUTIONS

➤ CONCRETE WATERPROOFING SURFACE APPLIED

- ✓ **Krystol T1® & T2®** Waterproofing System is an “in-depth” concrete treatment that is applied as a slurry, spray or dry-pack to the surface of existing concrete structures. In the presence of water, the special chemicals in Krystol will react with the concrete to grow millions of needle-shaped crystals deep into the concrete mass. The concrete itself becomes the waterproof layer.

➤ CONCRETE WATERPROOFING DRY-SHAKE

- ✓ **Krystol Broadcast™** is a crystalline waterproofing treatment for concrete flatwork that is applied dry to the fresh concrete surface and troweled into the concrete during the final finishing.

➤ CONCRETE WATERPROOFING JOINTS & DETAILS

- ✓ **The Krystol Waterstop System** is used to permanently waterproof concrete construction joints, pipe penetrations, tie holes and control joints. It works where other waterstops routinely fail. **The Krystol Waterstop System** is comprised of **Krystol Waterstop Grout™**, **Krystol Waterstop Treatment™**, and **Krytonite™ Swelling Waterstop**.

➤ CONCRETE LEAK REPAIR & MAINTENANCE

- ✓ **Concrete Leak Repair System** is a permanent solution for waterproofing and repairing tie holes, pipe penetrations, cracks and defective concrete. This permanent solution for repairing and waterproofing cracks, holes and joints is comprised of the following products: **Krystol®T1**, **Krystol® Bari-Cote**, **Krystol® Plug**, **Krystol® Repair Grout**.

➤ MORTAR PROTECTION ADMIXTURE

- ✓ **(KMA™)** is specially formulated to provide long-term protection in cementitious mortar by reducing both permeability and absorption.

➤ CONCRETE & MORTAR SEALER

- ✓ **Hydrostop™ Sealer** is a clear, water-based sprayable liquid which activates a water repellent effect on the surfaces of concrete, brick, mortar and masonry. Hydrostop Sealer lasts longer than conventional sealers leaving the surface with its original appearance and breathability.

PRODUCTS & SOLUTIONS

➤ CONCRETE RESTORATION

- ✓ **Hydrostop Restore & Protect System™** greatly extends the useful life of aging concrete infrastructure and buildings, improves overall aesthetics and offers a more environmentally sustainable alternative to major rehabilitation or total replacement.
The **Hydrostop Restore & Protect System** consists of three products:
Hydrostop™ Grout, Hydrostop™ Coating, Hydrostop™ Sealer.

▪ BITUMINOUS ROOFING MEMBRANES

➤ ELASTOMERIC MEMBRANES (PRODUCED WITH SBS COMPOUND)

- - 25°C Cold Flexibility Membranes
 - ✓ **Fleximat** Membranes have excellent mechanical features, so they can also be used in applications of maximum stress.
 - ✓ **Megaver** Membranes have good resistance to ageing as well as excellent mechanical and stability performances.
- - 20°C Cold Flexibility Membranes
 - ✓ **Monover** Membranes have excellent mechanical features, so they can be used in applications of maximum stress.
 - ✓ **Elastomat** Membranes have good resistance to ageing as well as excellent mechanical and stability performances.
- - 15°C Cold Flexibility Membranes
 - ✓ **Flexilis** Membranes have a strong adhesion and cold flexibility, good resistance to ageing as well as excellent mechanical and stability performances.

PRODUCTS & SOLUTIONS

➤ ELASTOPLASTOMERIC MEMBRANES (PRODUCED WITH APP COMPOUND)

- - 20°C Cold Flexibility Membranes

- ✓ **Monoplus** have stability, durability and brilliant mechanical performances. They have excellent resistance to high temperatures and can be applied as a single layer.

- - 15°C Cold Flexibility Membranes

- ✓ **Monoflex** membranes have durability and excellent mechanical performances and are characterized by their flow resistance. It can be applied as a single layer.
- ✓ **Polimat MS** have excellent mechanical stability and durability.

- - 10°C Cold Flexibility Membranes

- ✓ **Polimat** have excellent mechanical stability and durability.
- ✓ **Tender plus** can be effectively used in many of the most common applications.
- ✓ **Master plus** is reinforced with polyester and used with a particular attention towards renovation.

- - 5°C Cold Flexibility Membranes

- ✓ **Tender** can be effectively used in many of the most common applications.
- ✓ **Tectum** meets the most frequent requirements.
- ✓ **Master** is reinforced with polyester and used with a particular attention towards renovation.

PRODUCTS & SOLUTIONS

➤ SPECIAL MEMBRANES

- **Fire Resistant (B-Roof) Membranes**

- ✓ **Megaver AL TF** are elastomeric waterproofing membranes realized with a compound based on distilled bitumen, modified with elastomeric polymers (SBS), faced with a metal foil in goffered pure copper (CU) or goffered aluminum (AL).
- ✓ **Megaver California** is made with special bitumen modified with new generation elastomeric polymers (BPE). It is fire resistance, coated with a sheet of embossed aluminum, pre-painted with PVDF paint, white reflecting and subjected to treatment aimed at improving its adhesion and life. It guarantees a sharp reduction in surface temperature and indirect light from the roof.
- ✓ **Polimat Mineral TF** is a bitumen polymer membrane composed of Elastoplastomeric compound. The reinforcement is made of polyester non-woven fabric strengthened with fiberglass. It is fire resistance on every kind of substrate, even combustible.

- **Root Proof Membranes**

- ✓ **Polimat Antiradice** is Elastoplastomeric membrane particularly suitable for usage in all green roofs and where the contact with ground is foreseen (foundations, earth retaining walls). The product has optimum resistance to puncturing.

- **Bridges and Viaducts Membranes**

- ✓ **Strada** membranes are Elastoplastomeric membranes that have excellent performances and resistance to high temperatures and dynamic punching. They are suitable for waterproofing carriage able surfaces and complex works and have been certified for use in bridges and viaducts.

PRODUCTS & SOLUTIONS

- **Earth Retaining Walls and Foundations**

- ✓ **Murodry** membrane is designed for the waterproofing of foundations and earth retaining walls key works because of the complexity in the application and the difficulty of the remake of underground works. They are durable and have the ability to adhere to the substrate.

- **Renovation**

- ✓ **Renover** is designed for the refurbishment of roofs with old bitumen membrane. The lower side is made with a specific SBS elastomeric compound which ensures high adhesion and high cold flexibility. Upper side is made of APAO innovative compound, with excellent UV resistance.

- **Leggera Membranes**

- ✓ **Leggera.bit** innovative Elastoplastomeric mix strengthened with polyester, guarantees: Speed of application, Adhesion, Energy saving & Lightness.
 - **Leggera.bit SPRINT** is used for waterproofing roofs, retaining walls and foundations.
 - **Leggera.bit SPEED** is used for waterproofing roofs, retaining walls and foundations.
 - **Leggera.bit SPECIAL** can be used in waterproofing roofs, earth retaining walls and foundations.

- **Anti-Radon Membranes**

- ✓ **Polimat Antiradon** is an anti-radon certified bitumen polymer membrane composed of Elastoplastomeric compound with specific reinforcement made of an embossed aluminum foil coupled with fiberglass, used for waterproofing foundations, retaining walls and barrier to radon.

PRODUCTS & SOLUTIONS

- **Dimpled Membranes**

- ✓ **Bitufond** is a high density polyethylene (HDPE) membrane. It's used as a water drainage layer in waterproofing earth retaining walls.

- **Damp Courses**

- ✓ **Tagliamuro** is used in the damp courses of various heights from plastomeric membranes reinforced with glass tissue or polyester. Used for waterproofing & desolidarizing partition walls.

- **Vapor Management**

- ✓ **Aluvapor Tender** Elastoplastomeric membrane, thanks to its special reinforcement in goffered aluminum foil, is particularly efficient when employed as a vapor barrier beneath thermo-insulating elements in general.
- ✓ **Bitumat V12** is a bituminous membrane reinforced with perforated glass tissue and coated with talc on both sides. It's used as a flow layer or preliminary to the subsequent application of semi-independent membranes.

- **Bitulan**

- ✓ **BITULAN C** - Calendared bituminized paper-felt consisting of a paper-felt impregnated to full saturation with distilled bitumen.
 - ✓ **BITULAN R** - Covered bituminized paper-felt consisting of a paper-felt impregnated to full saturation with distilled bitumen and consequently covered on both faces with oxidized bitumen.

- **METAL FACED MEMBRANES**

- ✓ **MEGAVER AL TF** membranes are realized with a special compound based on bitumen modified with new generation elastomeric polymers (BPE), with -25°C cold flexibility. The reinforcement is double and consists in glass tissue and glass cloth. The membrane is faced with a goffered natural aluminum foil.

PRODUCTS & SOLUTIONS

➤ SELF-RANGE ADHESIVE MEMBRANES

- ✓ **Monoself** is a self-adhesive elastomeric (SBS) polymer-bitumen waterproofing membrane reinforced with composite polyester fabric stabilized with fiberglass. The bottom face is coated with a special self-adhesive elastomeric mass that ensures long-lasting adhesive properties.
- ✓ **Thermoself** membranes are realized by stratified co-extrusion of a special compound realized with bitumen modified and Elasto-thermoplastic polymers. They are reinforced with composite stabilized polyester and the lower face has a specific admixture ensuring long lasting adhesive power.

➤ COOL ROOF ENERGY SAVING SOLUTION MEMBRANES

- ✓ **Megaver California** is made of special bitumen modified with new generation elastomeric polymers (BPE). It is fire resistance & coated with a sheet of embossed aluminum, pre-painted with PVDF paint that guarantees a sharp reduction in the surface temperature and indirect light from the roof.
- ✓ **California-P** is a high performance mono-component paint, designed to cover walkable concrete, cement fiber, wooden, metal surfaces and, in particular, bitumen-polymer membranes, because, by covering and protecting them from UV rays their life is prolonged.

➤ EMULSIONS & ELASTIC CEMENTITIOUS WATERPROOFING

- ✓ **EcoPriver** is a non-toxic bituminous water based primer with added evaporating agents that promote rapid drying. It is employed as dust-proof under-layer and as primer for the application of prefabricated bituminous membranes, and during prefabrication as protective element for concrete surfaces. It can also be used on metallic surfaces.
- ✓ **Elaver black** is a thixotropic paste based bituminous water obtained with the mixing of bitumen emulsion, elastomeric resins, additives and aggregates. It's a highly elastic liquid membrane designed for waterproofing with high UV and corrosion resistance.

PRODUCTS & SOLUTIONS

- ✓ **Elaver plus** is a liquid membrane based on elastomeric membranes in watery solution, for renovation of deteriorated waterproofing; it's certified for encapsulating asbestos cement.
- ✓ **EcoAluver** is a brilliant silver protective coating, innovative formulation as it's completely ecological and not inflammable.
- ✓ **Asfalver** is cold asphalt made up of bitumen in watery solution. It protects building material from deteriorating action of atmospheric agents such as moisture, vapors or aggressive gases.
- ✓ **Bitudry** is a two-component elasto-cement highly waterproofing mortar for balconies, terraces and tanks holding. It protects concrete against carbonation, allows the ceramic tiles finishing in adherence with single-component adhesive, and suits potable water.
- ✓ **Bitumastic** is bituminous mastic in watery solution. It can be employed as glue for insulating panels, replacing the traditional system of hot bitumen.
- ✓ **Butimox** is a bitumen oxide in cake for hot application. It is employed as glue for insulation panels or protection coating for concrete surfaces.
- ✓ **California-P** is a high performance mono-component paint, designed to cover walkable concrete, cement fiber, wooden, metal surfaces and, in particular, bitumen-polymer membranes, because, by covering and protecting them from UV rays, their life is prolonged.

➤ UNDER TILE MEMBRANES

- ✓ **Tego** is Elastoplastomeric waterproofing membrane designed for under-tile usage.

➤ ACCESSORY PRODUCTS & SYSTEMS

- ✓ **Isotegola** is a Bituminous tile made up of a glass tissue support impregnated with a special bituminous compound. It's used for roof coverings with the most original and refined lines to resist heat and cold.
- ✓ **Bitufond** is a high density polyethylene (HDPE) membrane. It's used as water drainage layer in waterproofing earth retaining walls.

PRODUCTS & SOLUTIONS

- ✓ **Tagliamuro** are damp courses of various heights taken from plastomeric membranes reinforced with glass tissue or polyester. It's used for waterproofing and desolidarizing partition walls.
- ✓ **Vapolight** is an under-tile bituminous foil consisting in non-woven polyester impregnated in an elastomeric compound and surfaced on both sides with a special polypropylene tissue. It's excellent as vapor retardant and as a base layer for discontinuous layers.
- ✓ **Syntodefense** is a three-layer under-tile foil surfaced on both sides with polypropylenic tissue. It's breathable and waterproofing at the same time. Syntodefense's special admixture makes it repellent against insects and mould invading our ventilated pitched roofs.

■ POLYURETHANE WATERPROOFING

- ✓ **Rooftex** is the ultimate in high performance waterproofing membranes for a diverse range of construction applications. It's a highly flexible, single component, cold applied liquid formulation. ROOFTEX is based on moisture curing polyurethane technology. It's used for waterproofing roof areas, wet areas, foundations and planters. It cures on exposure to atmosphere to a tough rubber-like seamless finish with excellent surface adhesion and elasticity.

■ EPDM Waterproofing

One of the expertise waterproofing technology of T.A. Group is the high-performance EPDM roofing system. The system is based on high performing EPDM rubber membranes offering a watertight and durable roofing solution. It offers a unique combination of features and benefits:

- ✓ Superior durability
- ✓ Reduced maintenance cost
- ✓ Flame-free High flexibility and elongation
- ✓ Environmentally friendly
- ✓ Recovery of rainwater
- ✓ Fire resistance

PRODUCTS & SOLUTIONS

2. LIGHTWEIGHT CONCRETE / LIGHTWEIGHT AGGREGATE SOLUTIONS

➤ LIGHTWEIGHT AGGREGATES

- ✓ **Light Expanded Clay Aggregate** is a highly durable thermal, acoustical, and fire insulator. It can be loose laid, sprayed or mixed with cement, or topped with a thin mortar. It is also used for producing structural light weight concrete parts and insulating precast building blocks.

➤ HYDROPHOBIC LIGHTWEIGHT AGGREGATES

- ✓ **Laterlite Plus Expanded Clay** has the same properties as Laterlite Expanded Clay but can be used for foundations and floorings sensitive to humidity (wood, ceramic tiles, etc...)

➤ AGGREGATES WITH NEUTRAL PH

- ✓ **Laterlite Agri** is a special pH neutral lightweight, robust, natural, inert insulating aggregate manufactured for green roofs construction, landscaping, horticulture, floriculture, and hydro culture.

➤ MULTIPURPOSE LIGHTWEIGHT CONCRETE

- ✓ **Latermix Cem Classic** is a Premixed, lightweight and insulating mixture rapid drying for insulating and lightening foundations, even thick foundations.
- ✓ **Latermix Cem Mini** is a Premixed, light weight concrete for multi-purpose.
- ✓ **Latermix Cem Maxi** is a cavernous lightweight insulating concrete.

PRODUCTS & SOLUTIONS

➤ LIGHTWEIGHT SCREEDS

- ✓ **Latermix Forte** is lightweight and insulating pre-mixed material with controlled shrinkage for screeds and single-layer foundations excellent for the gluing of floorings.
- ✓ **Latermix Facile** is a lightweight and insulating premixed material for screeds, foundations, flat and pitched roofs with surfaces suitable for the laying of floorings not sensitive to humidity or water-proof membranes.
- ✓ **Latermix Fast** is Lightweight and insulating mixture, fast drying for screeds suitable for laying parquet and floorings sensitive to humidity.

➤ SCREEDS

- ✓ **Massettofix PaRis 2.0** Fiber-reinforced premixed material with controlled shrinkage for screeds with effective thermal conductivity for floor heating or cooling systems.
- ✓ **Massettofix Pronto** Quick dry screed for fixing tiles.

➤ LIGHTWEIGHT STRUCTURAL CONCRETE

- ✓ **Latermix Béton 1400** is the first structural lightweight concrete premixed for reinforcement casting and slabs acting compositely with the structure, for the restoration of old wooden floors, concrete floors, I-beams and corrugated sheets. It's available also in the 1400 RI fast hardening version.
- ✓ **Latermix Béton 1600** is the first structural premixed concrete with high resistance (350 kg/cm²), practical, lightweight and easy to use for all applications.

PRODUCTS & SOLUTIONS

3. FIBER REINFORCED CONCRETE

➤ MACROFIBERS

- ✓ **FORTA-FERRO®** is extra heavy duty twisted bundle non-fibrillating network fiber, yielding a high performance concrete reinforcement system. Can partially replace reinforcing steel or add to its effects, or totally replace temperature steel. Perfect for; industrial floors, bridge decks, Shotcrete, etc...
- ✓ **FORTA® FERRO-GREEN®** blend consists of 100% recycled polypropylene fibrillated (network) fibers and a high-performance twisted-bundle macro-monofilament fiber. FERRO-GREEN® is used to toughen any pervious concrete application without reducing porosity. FERRO-GREEN® also increases resistance to freeze-thaw damage and raveling, while preserving both the plastic and hardened concrete void structure.

➤ FIBRILLATED MICROFIBERS

- ✓ **FORTA® ULTRA-NET®** is a fully oriented, 100% virgin homopolymer polypropylene fiber reinforcement for concrete in a unique twisted-bundle, collated fibrillated (network) form. It is used to reduce plastic and hardened concrete shrinkage, improve impact strength, increase fatigue resistance and concrete toughness. This fiber offers ULTRA-NETWORKING power, maximum long-term concrete durability, and true secondary/temperature control.
- ✓ **FORTA SUPER-NET®** is a 100% virgin homopolymer polypropylene fiber reinforcement for concrete in a collated fibrillated (network) form. It is used to reduce plastic and hardened concrete shrinkage, settlement cracking, improve impact strength, increase fatigue resistance and concrete toughness. It offers SUPER-NETWORKING power, long-term durability, and true secondary/temperature control.
- ✓ **FORTA® ECONO-NET®** is a 100% virgin homopolymer polypropylene fibrous reinforcement in a collated fibrillated form. Used to reduce plastic and hardened concrete shrinkage, improve impact strength, fatigue resistance and concrete toughness. It offers good-bonding power, long-term concrete durability, and secondary/temperature control.

PRODUCTS & SOLUTIONS

➤ MONOFILAMENT MICROFIBERS

- ✓ **FORTA® MIGHTY-MONO®** is a 100% virgin homopolymer polypropylene monofilament fibrous reinforcement that offers long-term concrete durability, and increased impact resistance. Used to reduce plastic and settlement shrinkage.
- ✓ **FORTA® NYLO-MONO®** is a 100% virgin nylon fibrous monofilament designed to function as plastic shrinkage reinforcement intended to reduce shrinkage cracks prior to initial set and to reduce settlement shrinkage.
All Forta products are non-corrosive, non-magnetic, chemically inert, and 100% Alkali Proof!
- ✓ **FORTA® ECONO-MONO®** is a 100% virgin homopolymer polypropylene monofilament fibrous reinforcement. This economy grade fiber offers long-term concrete durability, and functions as a plastic shrinkage reinforcement intended to reduce the formation of shrinkage cracks prior to initial set and to reduce settlement shrinkage.

➤ SPECIALTY FIBERS

- ✓ **FORTA® STUCCO-BOND®** is polypropylene monofilament fiber designed for stucco and mortar applications. Reduces cracking and increases cohesiveness in mortars especially useful for thin coatings.
- ✓ **FORTA® CAST-MASTER®** is a 100% virgin homopolymer polypropylene fibrous reinforcement it is used to reduce slumping, cracking, and fallouts during precast stripping procedures – it increases production.
- ✓ **FORTA® ECONO-CAST®** is an economical fibrillated polypropylene fiber specially designed for the precast industry, where impact and handling strength are of concern.
- ✓ **FORTA® GREEN-NET®** is made from 100% recycled polypropylene. It is a polypropylene fibrous reinforcement in network form. Used in quality concrete applications such as slab-on-grade, overlays/toppings, curbs, slop paving, roads and highways, driveways, and Shotcrete – anywhere the objective is to control shrinkage cracking while improving basic durability properties and to increase the recycled material content of concrete.

PRODUCTS & SOLUTIONS

- ✓ **FORTA® PE-2®** fiber is an easy to apply, fully oriented, 100% virgin copolymer polyethylene monofilament fibrous reinforcement. FORTA® PE-2 fiber is typically used in refractory castable concrete applications to provide early cohesiveness and green strength, and to provide uniform vapor-release/burn-out channels within the mass during firing.
- ✓ **FORTA® ULTRA-LITE™** is a specially-treated, 100% virgin homopolymer polypropylene monofilament fiber that provides unique suspension characteristics in a variety of cementitious mixes and applications. It can be used in any air-entrained or lightweight cementitious mix where a reduction in mix separation and segregation and reduced shrinkage characteristics are desirable.

PRODUCTS & SOLUTIONS

4. CONCRETE REPAIR & STRUCTURAL STRENGTHENING

➤ CEMENTITIOUS ANCHORING CAPSULES

- ✓ **AMBEX Anchoring Capsules (AAC)** is a powerful, fast setting, thixotropic, ready to use anchoring powder encapsulated in water permeable and degradable clear plastic wrapping that can be inserted in cored concrete for fast and easy installation. It can be used in dry or wet concrete even under water or in extreme temperatures. Final strength is superior to regular concrete and outperforms the best epoxy capsules on the market.

Available sizes for ACC, ARC, and ARC-E:

1/2" X 8" (13mm X 200mm)

3/4" X 12" (19mm X 300mm)

1" X 12" (25mm X 300mm)

Larger sizes available on special order

The **NEW ARC** is an ultra-rapid setting Anchoring Capsule for high initial strength.

➤ SELF-CONSOLIDATING CONCRETE

- ✓ **AMBEX Self-Consolidating Concrete SCC** is a ready to use, flowable, easily pumped, self-compacting and economical concrete mix, mainly used for repairs, in hard to reach or vibrate areas, or whenever cavity filling concrete or screed topping is required.
- ✓ **AMBEX rapid-setting Self-Consolidating Concrete RS-SCC** is a mix of rapid setting cement, quality stone and sand combined with selected admixtures. It can be used for repair and rehabilitation of concrete structures, where a quick turnaround time is required and shut down time is critical.

PRODUCTS & SOLUTIONS

➤ CEMENTITIOUS REPAIR MORTARS & GROUTS

- ✓ **AMBEX GROUT VM** is a blend of cement, sand and selected additives, used for concrete and surface repair.
- ✓ **CPD NON-Shrink Grout** is a pre-blended, ready-to-use cement base grout containing non-ferrous fluidities and anti-shrinkage compounds accurately blended with graded siliceous aggregate and Portland cement. It is pre-blended and requires only the addition of water at the job site.

➤ CARBON FIBER FOR STRUCTURAL REINFORCEMENT & CONCRETE REPAIR

- **Carbon Fiber Laminates**

- ✓ **PC® CARBOCOMP** laminates are used to increase the bending strength of structural elements. These carbon fiber laminates are glued with epoxy glue PC® 5800 BL (with CE marking) on the surface which has to be strengthened.
- ✓ **PC® CARBOCOMP UNI** Uni-directional carbon fiber laminates in the longitudinal direction. They can only be glued.
- ✓ **PC® CARBOCOMP PLUS** Multi-directional carbon fiber laminates: the fibers are situated in the longitudinal direction with additional fibers which makes it possible to anchor the laminates with bolts into the structure.

- **Carbon Fiber Textiles**

- ✓ **PC® CARBOCOMP textiles** are used for the shear strengthening of constructions. These carbon fiber textiles are impregnated with the PC® 5800 Carbo epoxy resin and applied on the surface that has to be reinforced.
- ✓ **PC® CARBOCOMP Sandwich** is composed of a light weight core material such as balsa wood, and a carbon fiber reinforcement. This core material brings over pressure and shear forces to the carbon fiber laminate which is situated at the opposite side of the material which has to be reinforced. Vertical shear forces are taken up by additional reinforcing material on the sides, which also protects the core material.

PRODUCTS & SOLUTIONS

- ✓ **PC® CARBOCOMP TEXTILE 225** Unidirectional carbon fiber textile with carbon fibers in the longitudinal direction. This textile is protected against pollution by membrane. Weight: 225 g/m²
- ✓ **PC® CARBOCOMP TEXTILE 300** Unidirectional carbon fiber textile with carbon fibers in the longitudinal direction. This textile is protected against pollution by a membrane. Weight: 300 g/m²

- **Glue & Impregnation Resins**

- ✓ **PC® 5800/BL** is two-component solvent free-epoxy glue.
- ✓ **PC® 5800 CARBO** is a low viscous resin suitable for the impregnation of different kinds of textiles like carbon fiber and aramid textile.

- **Structural Injection – Epoxy Injection**

- ✓ **PC® STRUCTO-INJECT** the CE approved epoxy injection resins are used for structural repair of cracks in concrete pillars, beams, wooden spans, anchoring threaded rods in concrete, cracks in masonry...
- ✓ **PC® STRUCTO-INJECT** epoxy injection resins have a low viscosity which enables them to penetrate deep into cracks, even into hairline cracks. These epoxy resins have a very good adhesion to concrete, wood, metal... even in unfavorable conditions.

Structural epoxy injection can be done either by **PC® STRUCTO-INJECT 1380** or by **PC® STRUCTO-INJECT 1390**.

PRODUCTS & SOLUTIONS

- **Epoxy Repair Mortars**

- ✓ **TRADECC** has a well-balanced range of epoxy repair mortars (known as **PC® 5187**) which can be applied in case of general concrete repair such as beams, columns, walls, stairs, ...

Tradecc repair mortars **PC® 5187** are also excellent for leveling of floors, pits or holes and local repair of industrial floors and crane traces.

The **PC® 5187** repair mortars can be used for both horizontal and vertical applications.

- **Joint Filler**

- ✓ **PC® 4800 JOINT-FILLER** is a polymer-bound 2-component joint filling system. This self-leveling system hardens quickly, but remains elastic and flexible. Popular fields of application are highways, parking garages, parking areas, bridge decks, petrol stations, pre-fab constructions, gallery floors...

PRODUCTS & SOLUTIONS

5. RENDERS & SPECIAL COATINGS

➤ ONE COAT RENDERS

- ✓ **REPOIS P** is the same rendering as Repois R with added exposed quarts aggregate finish offering more resistant and outstanding appearance to any kind of new or existing building.
- ✓ **REPOIS R** is a ready to use, high quality, cement based, waterproof, self-cleaning colored rendering used to beautify and protect most types of brick, block work, or other stone or cementitious structures.
- ✓ **RELAIS** is acrylic texture coating system that is trowel-applied in interiors and exteriors. It is composed of vinyl resins and selectively graded aggregates and additives.
- ✓ **ESTUCAL** is a lime-based wall finishing system used for decoration. It can be dyed with TINTAIS and is applied with a special plastering trowel. Repeat the process so as to achieve the required brilliance.

➤ PAINTS

- ✓ **EPOAIS D** is two component white epoxy paint. The two components are mixed at the moment to be used in the proportion of 85A to 15B in weight. It's suitable in contact with food according to UNE-53550 standard. The maximum open time of the mix is 6 hours.

➤ PRIMERS

- ✓ **IMPRILAIS** is a primer that is soluble in water. It is used to ensure strong adhesion to RELAIS and is made of high quality synthetic resins in water scattering.
- ✓ **IMPRIMAIS** is a water based primer that acts as a penetrating sealer used for the treatment of new supports. It improves and makes the fixing of paint easier by also reducing the amount of paint to be used.
- ✓ **IMPRIDUR** is epoxy resin based sealer used as hardener in building supports or as standard primer in epoxy pavings. It consists of two components to be mixed in the proportion of 2A:1B in volume.

PRODUCTS & SOLUTIONS

➤ ADDITIVES

- ✓ **HELAIS** is Chloride free powder additive, designed to accelerate the setting process of concrete and cement mortars. This allows it to work with concrete in very low temperatures. It is added to the water of the mix.
- ✓ **FIAIS** is a liquid product. Its exothermic reaction lowers the freezing point of the water used for mixing. Use in a proportion of 0.250 to 2 liters per bag of cement (bags of 35 to 50 kg), depending on room temperature. It must be perfectly diluted in water before mixing with the mortar. It is the ideal additive for concrete at very low temperatures.
- ✓ **CLAIS** is a powder product based on high coloration pigments. It is designed to be added to the water used for mixing mortars and concrete. It must be diluted in water and then added to the mix. The recommended mix proportion is: 0.5 to 1.5 kg per bag of white cement (bags of 35 to 50 kg) or 1.5 to 6 kg per bag of grey cement. It is NOT advisable to exceed 7.5 kg per bag of cement (bags of 35 to 50kg).
- ✓ **HIDAIS** is a white powder to be mixed with Portland cement and the like. It confers excellent water resistance in concrete and mortars so as to ensure waterproofing. It must be added once the mix is ready, never onto the water. It is ideal for concrete in foundations, galleries, tunnels, dams, moles and to waterproof swimming pools, stores, renders, etc.
- ✓ **AGLUTAIS** is a white resin used for mixing water with mortars and concrete. It confers considerable improved chemical and physical resistance and also improves elasticity of the mortars. It is mixed with water before adding to the mix in a proportion of 1 part of AGLUTAIS to 3 parts of water, sometimes reaching 5 parts.
- ✓ **RETARDOIS** is a colorless liquid that delays cement and concretes setting. It is ideal for delaying setting time according to environmental conditions or in those cases where a longer workable time is required.
- ✓ **CECOISFLEX** is a glue cement with mixed binders. It is characterized by its high adherence, maximum security and deformation capacity. It is used on facades, wide floors, glazed tiles, marble, stone or granite, whether absorbent or non-absorbent. Used in exteriors and interiors and for floors with radiant heating system.

PRODUCTS & SOLUTIONS

- ✓ **ADHPI** is a powder adhesive for the placing of stone slabs. ADHPI is an intermediate solution between glue cements and ADLOIS. It is considerably better than average glue cements, with faster setting, higher mechanical resistance and greater waterproofing properties. It also reduces the risk of damp patches and efflorescence.

➤ RELEASING AGENTS

- ✓ **DEAIS HIERRO** is a liquid product used as releasing agent for metallic moldings. It is usually hard applied. If you wish to economize, it is possible to dilute it in diesel oil in a proportion of 1 to 3(maximum). This product is flammable and does not color or stain concrete.
- ✓ **DEAIS ECOLOGICO** is an ecologic liquid releasing agent for concrete prefabricated products and building in general.
- ✓ **IMPRILAIS** is a primer specially designed to ensure the strong adhesion of RELAIS. Apply in a single coating, by diluting in 50% of water.

➤ PLASTER & SPECIAL MORTARS

- ✓ **REVOGACAL** is a traditional lime based render for decorative finish on facades, specially designed for restoration with a traditional finish. It's applied with a trowel in 5 to 10 mm thick layer. Proceed until achieving the desired finish.
- ✓ **PANIS** is a powder leveling paste. When mixed with water (2, 5 liters for every 10 kg of PANIS), it forms a self-leveling paste that is suitable for leveling grey floor surfaces. It has a high resistance to compression.
- ✓ **PLASTOCAL** is a powder product for plastering. It is mixed with water so as to form an adequate paste used for plastering, smoothening and eliminating cracks or chippings in exterior and interior supports, both vertically and horizontally.
- ✓ **EMPLAIS** is a white powder. When mixed with water, it turns into a plastic paste, ideal for whitewashing cracks and parts where plaster or paint has come off.

PRODUCTS & SOLUTIONS

- ✓ **REFRACMOR** is a refractory mortar. It is a grey powder product to be mixed with water. Once it sets, it reduces heat transmission and resists direct fire. It is excellent as a covering for combustion chambers in boilers, chimneys, furnaces, etc. and for placing refractory bricks that are highly resistant to compression.
- ✓ **MORIS** is a thixotropic mortar without retraction specially designed for repair. It's ideal for restoring surfaces that are damaged by the expansion of iron rust. Combined with OXITAIS, it protects the metallic frameworks and bonds with concrete slips. It has a high resistance to compression.
- ✓ **MORIM** is a predosed mortar with waterproofing qualities. Used for making exterior renders, placing bricks and blocks, etc. It is presented in powder and water must be added for its application.

➤ WATERPROOFING

- ✓ **LASTOIS CUBIERTAS** is a waterproofing liquid consisting of elastic resins, additives and high resistance pigments. It must be protected and reinforced (FIBRAIS 300) for it to work perfectly. It is used for waterproofing passable and non-passable decks, terraces, flat roofs, balconies, pipes, etc.
- ✓ **LASTOIS TECHUMBERES** is elastic waterproofing based on acrylic copolymers. It is used for waterproofing non-passable decks, roofs, chimneys, etc. It can be reinforced with VELOAIS, ensuring a high adhering power and easy application. Apply with a paint brush or roller in as many coatings as considered necessary until reaching 1 mm thick layer.
- ✓ **LASTOIS FH-CV** is a textured waterproof covering used as finishing coat after using LASTOIS CAPA INTERMEDIA or LASTOIS CUBIERTAS. Elastic resin based product that is ideal for waterproofing decks and decorating facades. It is reinforced with VELOAIS or TEJIAIS.
- ✓ **ACRILAIS** is a waterproofing paint made of vinyl copolymers in water scattering, for exteriors and interiors, with smooth finish. It can be applied onto fibrocement, cement mortars, plaster and gypsum after priming.

PRODUCTS & SOLUTIONS

- ✓ **REVETAIS** is water based plastic paint for exteriors. It is waterproofing, washable and resistant to bleakness. It's suitable for facades, patios, party walls, etc. It can be dyed with TINTAIS. It leaves smooth and matt finish. It complies with ASTM G53 and INCE standards on waterproofing.
- ✓ **TEAIS IMPERCEM** is cement based elastic mortar used for waterproofing. TEAIS IMPERCEM is a water proofer based on cement, special aggregates, additives and polymers found in water scattering. It is used in waterproofing concrete walls, small terraces, shower plates, concrete supports submitted to external attack, etc.
- ✓ **CEPIS** is a cement based powder product to be mixed with water so as to form a corrugated paint that is waterproofing and shows good hardness. It is used on irregular supports so as to make them uniform, mainly walls made of concrete blocks and also as paint before finishing with another paint. Waterproofing resistance and elasticity are improved upon mixing with AGLUTAIS 30-50.

➤ PAVEMENTS

- ✓ **DUROAIS CAPA CONTINUA** is a powder product. When mixed with AGLUTAIS 30-50 F, it forms a quick setting and levelling mix, ideal for continuous paving, with strong resistance to bleakness and abrasion. It is recommended to spray a very thin layer of LACURIS before treading on it so as to prevent marks to be formed. It is applied in up to 5 mm thick layer.

➤ PAVEMENTS & FLOORS

- ✓ **DUREPOX REPARCION** is three component epoxy mortar specially used for repairing pavements. It is very appropriate for patch repair on pavements, stairs, ramps, loading areas and industrial areas that require high resistance and quick application.
- ✓ **ESLURRIS ASFALTICO** is paste-like product made of a homogeneous mix of aggregates and mineral fillers of closed particle size and thermoplastic asphalt emulsion. It is appropriate for continuous pavement in interiors and exteriors and can be used as under coating for ESLURRIS SYNTETICO. It has strong bonding properties and is hard applied with a rubber trowel in up to 3 cm thick layer.

PRODUCTS & SOLUTIONS

- ✓ **ESLURRIS SINTETICO** is paste-like product made of uniform aggregates, mineral fillers with closed particle size and thermoplastic synthetic resin emulsion. Suitable for continuous paving in sports courts, garden paths, garages, etc. It is applied with a rubber trowel.
- ✓ **PAVIAIS A.C.** is a product made of polyurethane resins with two components to be mixed at the moment to be used in a proportion of 1A: 2B (in weight). Concrete paving hardener and anti-dust treatment.
- ✓ **TAIS** is a product consisting of chlororubber and mineral pigments for anti-dust treatment in concrete supports. It is stable to light.
- ✓ **PAVITAIS PI** is two component paint based on epoxy resins. It is mixed at the moment to be used so as to form a self-leveling pavement, with great resistance to attrition and traffic. It is not recommended for pavements that are in contact with solvents or alcohol. The mix must be applied immediately with rubber trowel or spatula since it hardens quickly.
- ✓ **PROTICER** is a cement based protector specially designed for paving made of marble, stone, non-glazed ceramic, etc. It enhances the color of the treated pieces and protects them at the same time.

➤ MICROCEMENT

- ✓ **TEAIS MICROCEMENT** is two components render with polished cement appearance to be applied on pavements and as a rendering solution over different surfaces such as: Ceramic, Plaster, Mortar, Furniture etc.

➤ REINFORCEMENT

- ✓ **TEJIAIS** consists of a mineral fibre fabric used for reinforcing cement based or acrylic mortars. TEJIAIS is resistant to the alkaline characteristic of cement based materials.
- ✓ **GUARDAVIVOS P.V.C. 2, 6 ESP. MONOC. NV. BL** ANGLE BEADS PVC 2.6 SP. MONOC.NV WHITE; 2.6 ML/UN

PRODUCTS & SOLUTIONS

- ✓ **PVC PLASTERSTOP** 1.5mm thick aluminum plaster stop DIM 2000x50x8 mm perforated with 10 mm diameter holes separated at 10 mm

➤ SEALERS & FIXING PUTTIES

- ✓ **JUNTAIS** consists of thermoplastic profiles made of polyvinyl chloride. It is used for joints and to fill expansion joints in buildings of reinforced concrete.
- ✓ **LASTOIS POL** is an elastomer polyurethane putty-glue characterized by its great adherence and fast polymerization upon contact with environmental humidity. It is designed for flexible and waterproof joints on any type of support.

PRODUCTS & SOLUTIONS

6. SURFACING SOLUTIONS

➤ CAR PARK SYSTEMS

- ✓ **Congrip** is a high build, solvent free, textured epoxy coating producing an anti-slip, hardwearing, chemical and abrasion resistant floor finish. Suitable for most floor surfaces found in industrial and commercial buildings.
- ✓ **Decktect** is specifically designed as a flexible waterproofing solution for exposed car park top decks; it accommodates normal substrate movement, providing an impervious finish for heavily trafficked areas. The Decktect external park System is an integration of **Decktect base coat**, **Decktect top coat** and **Decktect aggregate holding coat**.
 - **Decktect PU base coat** is a flexible polyurethane membrane formulated to provide excellent crack-bridging properties with over 500% elongation whilst being totally impervious.
 - **Decktect Top Coat** is formulated to provide excellent finish and application properties. It offers long term UV stability whilst withstanding heavy vehicular traffic.
 - **Decktect Aggregate Holding Coat** is formulated to provide excellent holding and bonding capabilities, whilst being totally impervious.

➤ CEMENTITIOUS SCREEDS & REPAIRS

- ✓ **Floorplate** is a hard, non-dusting, specially selected graded synthetic refractory oxide aggregate. The purpose is to case harden by impregnation, forming the wearing course directly as an integral part of the base concrete, eliminating any risk of separation, cracking, crazing or dusting. Savings in overall slab costs may be achieved due to the ever rising cost of cement.
- ✓ **FS screed** is a solvent free epoxy resin mortar system to provide an impervious, chemically resistant floor topping with excellent resistance to mechanical damage.
- ✓ **Patchfast** is a heavy duty, fast setting, epoxy resin concrete repair mortar. It is quick, easy to use and will bond to almost any substrate at any thickness.
- ✓ **Tufcon 80** is a cementitious flooring system formulated from carefully selected acrylic polymer, cement, and specially graded high strength aggregates.

PRODUCTS & SOLUTIONS

➤ COATINGS & SEALS

- ✓ **Aquasol** is epoxy resin coating which can be applied to most substrates. It cures to form a durable semi-gloss finish and is available in silk and matt versions.
- ✓ **Aquasol HD** is a heavy duty high performance water-based epoxy resin coating system. Aquasol HD cures to form a tough easily cleaned hard wearing finish.
- ✓ **Congrip** is a high build, solvent free, textured epoxy coating producing an anti-slip, hardwearing, chemical and abrasion resistant floor finish.
- ✓ **Dustguard** is a heavy duty, protective epoxy resin sealer which hardens, colors and extends the life and improves the appearance of new or old concrete.
- ✓ **Enamelcoat** is a high build epoxy coating, formulated to provide excellent finish and application properties. Enamelcoat cures to form a tough easily cleaned high gloss finish.
- ✓ **Flexijoint** is a flexible joint sealant formulated from epoxy resins to produce a long lasting elastomeric seal with excellent extension recovery and adhesion. When cured, it accommodate cyclical substrate movements over a wide range of ambient temperatures.
- ✓ **Lapidolith** is a colorless solution of chemically active hardening agents containing sophisticated wetting agents, penetration into the cementitious matrix is more effective than conventional hardeners resulting in hardening and dustproofing in depth.
- ✓ **Line Paint** is a high build epoxy coating formulated to provide excellent finish and application properties which cure to form a tough easily cleaned gloss finish.

PRODUCTS & SOLUTIONS

➤ DECORATIVE SCREEDS

- ✓ **Decorscreed** is a blend of solvent free epoxy resins, curing agents and graded colored quartz aggregates. The components of the product have been carefully selected to provide Decorscreed with excellent application properties.
- ✓ **Hydrothane HD** is a solvent free polyurethane floor topping system formulated from carefully selected resins, activators and specially graded high strength aggregates.
- ✓ **Hydrothane HDT** is a solvent free polyurethane floor topping system formulated from carefully selected resins, activators and a unique formulation of hardwearing, high strength aggregates.
- ✓ **Hydrothane MF** is a water-based seamless, polyurethane floor topping system formulated from carefully selected resins, activators and specially graded high strength aggregates.
- ✓ **Hydrothane CG** is a solvent free polyurethane coving screed formulated from carefully selected resins, activators and specially graded high strength aggregates. There is also an antibacterial grade of Hydrothane CG available.
- ✓ **Levelay HD** is a flow applied epoxy resin flooring composition formulated from specially selected resins and high strength aggregates. Levelay HD can be produced in a gloss or matt finish.
- ✓ **Levelay HDT** is a flow applied epoxy resin flooring composition formulated from specially selected resins and high strength aggregates. It produces a finish of high strength and durability with excellent abrasion and impact resistance and comes with a textured surface for maximum anti-slip properties.

PRODUCTS & SOLUTIONS

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- ✓ **Hydrothane MF** is a water-based seamless, polyurethane floor topping system formulated from carefully selected resins, activators and specially graded high strength aggregates.
- ✓ **Hydrothane CG** is a solvent free polyurethane coving screed formulated from carefully selected resins, activators and specially graded high strength aggregates. There is also an antibacterial grade of Hydrothane CG available.
- ✓ **Levelay HD** is a flow applied epoxy resin flooring composition formulated from specially selected resins and high strength aggregates. Levelay HD can be produced in a gloss or matt finish.
- ✓ **Levelay HDT** is a flow applied epoxy resin flooring composition formulated from specially selected resins and high strength aggregates. It produces a finish of high strength and durability with excellent abrasion and impact resistance and comes with a textured surface for maximum anti-slip properties.

PRODUCTS & SOLUTIONS

➤ ROAD & EXTERNAL APPLICATIONS

- ✓ **Highseal F1** is a hot-applied, one part elastomeric joint sealant. The unique formulation of Highseal F1 enables direct application into the joints without the use of a primer.
- ✓ **Truegrip BN** surfacing system is a high performance epoxy binder intended for professional use in external applications. It can be hand or machine applied together with decorative or anti-skid aggregates and is ideal for resurfacing highways, driveways and foot paths with either bituminous, concrete, metal or wood surfaces.
- ✓ **Truegrip BT & EP** are two pack epoxy resin based surfacing systems, which are broadcast with a specially selected refractory PSV 70 Grade Calcined Bauxite aggregate.
- ✓ **Truegrip PS** is a single pack ready to use, high quality slurry seal which is formulated from a combination of bitumen emulsion and specially selected graded aggregates. It cures to form a tough durable finish which is used for sealing highway and footpath reinstatements.
- ✓ **Truegrip SC** is a blend of solvent free polyurethane polyol resin and aliphatic curing agents, which incorporates graded natural, recycled and colored aggregates. It ensures excellent application and aesthetically pleasing properties.

➤ DPM

- ✓ **WD Aquatect** is a two-component, solvent free, epoxy resin, system formulated from carefully selected resins, it's supplied in pre-weighed units of the correct proportions and is ready to mix and use on site.

PRODUCTS & SOLUTIONS

7. ACOUSTIC & VIBRATION Insulation

➤ ACOUSTIC INSULATION FOR FLOATING FLOORS

- ✓ **UpGrei Line** consists of a range of innovative products for Sound and thermal insulation of floors
- ✓ **Grei Line** consists of a range of products for the sound insulation of floors .It was specifically developed for high quality building applications with high insulation level.
- ✓ **Roll Line** consists of a range of products for the acoustic insulation of floors that have been utilized in the construction sector for more than thirty years. It is used for sound insulation of floors.
- ✓ **Rewall 28R Line** product is a pre-coupled panel combining a polyester fiber layer and a semi-rigid rubber layer. The combination of these two materials allows for obtaining excellent acoustic and thermal results boasting superior performance when used for constructing light floor slabs.
- ✓ **Syl and Sylpro Line** consist of a range of high density products for acoustic insulation of floors .It is ideal for use under floating floors like moquettes and synthetic floors, or under floating screeds.

➤ ACOUSTIC INSULATION BENEATH CERAMIC OR STONE FLOORS

- ✓ **Sylcer Line** is a range of innovative, high performance products specifically designed to acoustically upgrade existing buildings during renovation work on ceramic tiled floors. Sylcer is a high density, low thickness recycled rubber mat made of SBR and EPDM rubber that dampens and absorbs noise transmission from footfalls and to meet Building Control Standards.

➤ ACOUSTIC INSULATION BENEATH WOODEN FLOORS

- ✓ **Sylwood line** is a range of innovative, high performance products specifically designed to acoustically upgrade existing buildings. The product has been specifically developed to meet any soundproofing requirements in restructuring and upgrading of existing flooring involving or ready to use wood floor finish.

PRODUCTS & SOLUTIONS

➤ WALLS & CEILINGS INSULATION

- ✓ **Gy-wall Line** is a range of products designed to ensure high acoustic and thermal insulation performances, and can be used for relining walls and ceilings through different types of panel combinations.
- ✓ **Fybro Line** is designed for high acoustic and thermal insulation performance and ceilings by different combination of panels.
- ✓ **Mustwall Line** is designed for high noise insulation performance of walls.
- ✓ **Natur Line** is a range of products made of vegetable fibers of Kebaf compacted with particular mechanical process and hot pressed without any type of chemical additive used for acoustic and thermal insulation for walls and ceilings
- ✓ **Mineral Line** is a range of products made of natural fibers of rock wool, used for acoustic and thermal insulation for walls and ceilings.

➤ UNDER WALL STRIPES

- ✓ **The Stywall range** is designed to enhance the sound-insulation power of walls and to improve impact noise insulation of floor slabs, by preventing the transmission of airborne noise and vibrations.

➤ SILENCER FOR VENTILATION GAPS

- ✓ **Sylencer** is a silencer for ventilation holes designed for guaranteeing **ventilation through holes located on building facades, while preventing noise transmission.**

➤ ANTI-VIBRATION MATS

- ✓ **Matrack** are mats that represents a complete and highly efficient solution for acoustic pollution and vibration insulating necessities among the transport by-rail field.

PRODUCTS & SOLUTIONS

➤ RAIL-SIDES PROFILES

- ✓ **PROTRACK LINE** Isolgamma has developed through the Protrack Line, some solutions aimed to coat the rails with special profiles produced from high density SBR/EPDM regenerated rubber that allow the mitigation of the produced vibrations.

➤ SLEEPER PADS

- ✓ **Slitrack Line** is used to apply directly under the sleeper of the track both on Ballast and concrete platform application. It can be used with excellent environmental insulating results on Tramways and Undergrounds, and on rail Freight transport and/or High-Speed railways.

➤ ACOUSTIC INSULATION & VIBRATION DAMPING FOR THE INDUSTRIAL SECTOR

- ✓ **Megamat Line** is an ideal solution against noise pollution caused by vibrations and re-irradiated noise of machines, presses and/or air conditioning units, in the industry and construction field.

➤ SAFETY FLOORS SYSTEMS

- ✓ **Megasafe line** is a product range developed for all type safety flooring such as playgrounds and public areas. These floors effectively protect people from fall incidents by cushioning the impact with the ground and reducing the risk of slipping.

➤ SPORTS & MULTI-PURPOSE FLOORING

- ✓ **Megasport line** is ideal for all floors dedicated to sports activities, walkways, parking areas and movement areas.

➤ FLOORING FOR ANIMALS

- ✓ **Megastable line** is a family of floorings that can satisfy any application houses or walkways. These floors prevent skidding and slipping; they are permeable to water and are very durable and conserve their elasticity for a long time.

PRODUCTS & SOLUTIONS

➤ ACCESSORIES

- ✓ **PROFYLE** is designed to facilitate the laying of impact noise insulation products and substitutes the burdensome flap of the insulation mat in a simple and quick way. The profile Line consists of strips in polythene shaped at the angles, with adhesive on the two external sides.

➤ FIXING ELEMENTS

Isolgomma fixing elements are made of plastic and are an indispensable accessory for fixing panels that are part of the acoustic wall insulation product line.

- ✓ **Pins** are made of black plastic, and are suitable for the attachment of tiles in dry applications.
- ✓ **Joints** The fittings are provided with a bevel in order to combine the elastic surface of the plates with the base below it; this guarantees easy access to the flooring that is treated with MEGASAFE and MEGASPORT.
- ✓ **Edges** are an accessory to outline the flooring, play areas or areas marked for specific activities.
They are available in linear and coupling versions.
- ✓ **Interlocking Cuts** are made with SBR recycled rubber and are available in standard colors, in "V cut" and "L cut" to complete the edges of the floors in a linear manner.
- ✓ **Glue** is ideal and practical for fixing Isolgomma wall and ceiling insulation products.
- ✓ **Stick** adhesive tape is an indispensable accessory for securing the joints of Isolgomma products both for floor and wall applications. It is made out of synthetic anti-tear material, has excellent resistance and flexibility.

PRODUCTS & SOLUTIONS

8. CELLULAR GLASS INSULATION FOR THE BUILDING ENVELOPE

➤ FOAMGLAS® SLABS

✓ FOAMGLAS® W+F

Applications: Façades, External and Internal Walls, Cavity Walls, Soffits

✓ FOAMGLAS® T4+

Applications: Flat and Tapered Roofs.

✓ FOAMGLAS® S3

Applications: Flat and Tapered Roofs, which require insulation with a higher compressive strength.

✓ FOAMGLAS® F

Applications: Flat and Tapered Roofs, which require insulation with the highest compressive strength.

➤ FOAMGLAS® BOARDS

✓ FOAMGLAS® WALL BOARD W+F

Applications: Façades, Walls and Soffits Internal and External, Walls Above and Below Ground.

✓ FOAMGLAS® FLOOR BOARD T4+

Applications: Typically used internally or externally, above or below the floor structure.

✓ FOAMGLAS® FLOOR BOARD S3

Applications: Insulation with higher compressive strength. Typically used internally or externally, above or below the floor structure.

✓ FOAMGLAS® FLOOR BOARD F

Applications: Insulation with the highest compressive strength. Typically used internally or externally, above or below the floor structure.

PRODUCTS & SOLUTIONS

➤ FOAMGLAS® BOARDS

- ✓ **FOAMGLAS® READY BOARD T4+**

Applications: Flat Roofs, Pitched and Metal Roofs, External Walls below ground.

- ✓ **FOAMGLAS® READY BLOCK T4+**

Applications: Flat roofs, below-grade walls

- ✓ **FOAMGLAS® WALL BOARD T4+**

Applications: Façades, Walls and Soffits Internal and External, Walls Above and Below Ground.

- ✓ **FOAMGLAS® ROOF BOARD G2 T4+**

Applications: Typically for Roofs, and as a Base Layer for READY BOARD T4+, and ROOF BOARD G2 T4+.

➤ FOAMGLAS® TAPERED

- ✓ **FOAMGLAS® TAPERED T4+**

Applications: Below grade floors and walls, metal and special roofs, interior insulation, and floors

- ✓ **FOAMGLAS® TAPERED S3**

Flat roofs (f.i. trafficable decks), floors, and interior insulation floor

- ✓ **FOAMGLAS® TAPERED F**

Applications: Tapered Insulation System for Roofs, Balconies, Terraces, Walkways, Vehicle Roadway & Parking

PRODUCTS & SOLUTIONS

➤ **FOAMGLAS® BLOCKS** For Flat & Tapered Roofs

✓ **READY BLOCK T4+**

Applications: Flat Roofs, Tapered Insulation System, FOAMGLAS® READY BLOCK. READY BLOCK is cold bonded with PC® adhesive to substructures. Membranes can be torched directly onto the upper surface of the READY BLOCK.

✓ **READY BLOCK S3**

Applications: Flat Roofs, Tapered Insulation System, FOAMGLAS® READY BLOCK. READY BLOCK is cold bonded with PC® adhesive to substructures. Membranes can be torched directly onto the upper surface of the READY BLOCK.

✓ **READY BLOCK F**

Applications: Flat Roofs, Tapered Insulation System, FOAMGLAS® READY BLOCK. READY BLOCK is cold bonded with PC® adhesive to substructures. Membranes can be torched directly onto the upper surface of the READY BLOCK.

✓ **FOAMGLAS® ROOF BLOCK G1 T4+**

Application area: Can be used in a one or two layer system as a first or second layer

➤ **FOAMGLAS® PERINSUL**

✓ **FOAMGLAS® PERINSUL S STANDARD** Used to eliminate thermal bridging.

✓ **FOAMGLAS® PERINSUL HL HEAVY LOAD** Used to ensure continuity of the insulation system by eliminating thermal bridging at structural junctions

✓ **FOAMGLAS® T4+ Fillets** Used to provide a 45 degree angle for roofing membranes to up stands

PRODUCTS & SOLUTIONS

➤ BITUMINOUS ADHESIVES

- ✓ **PC® 56** - Two-component adhesive, hydraulic binding
Application: Bonding of FOAMGLAS® slabs/ boards to absorbent surfaces. Adhesion of FOAMGLAS® slabs to each other.

- ✓ **PC® 11** - Single-component adhesive
Used to bond FOAMGLAS® boards, and in particular FOAMGLAS® READY BOARD onto profiled metal sheets. PC® 11 is a permanent plastic-elastic, age-resistant glue, which has a good adhesive properties on various materials.

- ✓ **PC® 58 Bitumin Cold Adhesive** - two component modified bitumen
Used to apply FOAMGLAS® slabs to horizontal concrete and porous concrete surfaces as well as to coat the surface of FOAMGLAS® slabs.

- ✓ **PC® 500** - Single-component adhesive
Used for the full bonding and close joints of FOAMGLAS® slabs or blocks on roofs and floors made from concrete. PC® 500 is applied with a specially adjusted rubber scraper on the full surface of the bearing substrate.

- ✓ **PC® 600 Green** - one- component solvent and water free thixotropic polymer glue
Used for the full bonding and close joints of FOAMGLAS® slabs or blocks on roofs and floors made from concrete and wood.

➤ PRIMERS & SEALERS

- ✓ **PITTSEAL® 444 N** – Sealant
Single-component sealing compound of penetrations and connections. Plastic and permanently elastic compound; adheres to steel, concrete, wood, etc.

PRODUCTS & SOLUTIONS

➤ RENDERING & COATINGS

- ✓ **PC® 74 A2** Non-combustible mineral coating to be reinforced by glass-fibre fabric PC® 150 on FOAMGLAS® slabs for the insulation of raised access floors.
- ✓ **PC® 164** thin-bed coating for the application on FOAMGLAS® slabs. It is suitable indoors as a coating on FOAMGLAS® insulation for ceilings or walls.

➤ ACCESSORIES & FASTENINGS

- ✓ **PC® 150 glass reinforcing mesh**
PC® 150 is a wide-mesh, alkaline-resistant glass mesh for the reinforcement of coatings on FOAMGLAS® insulation. The large mesh width (approx. 3.5 x 3.5 mm) allows the easy penetration of heavy coatings or mineral plaster with a good bonding on the insulation and reinforcement.
- ✓ **PC® F Anchor Mechanical Fastening**
PC® F anchors made from stainless steel (1.4301) are designed to eliminate thermal bridging when fastening FOAMGLAS® slab or boards to walls, ceilings and roofs.
- ✓ **PC® SP 150/150 Serrated Fixing Plate**
PC® SP 150/150 serrated fastening plates are used to eliminate thermal bridging for non-self-bearing metal cover and standing seam applications.
- ✓ **PC® SP 150/150 Serrated Fixing Plate, Perforated**
PC® SP 150/150 P serrated fixing plates are used to minimize thermal bridging and provide a fastening system for curtain-walled, rear-ventilated façade systems.
- ✓ **PC® SP 200/200 Serrated Fixing Plates**
PC® SP 200/200 serrated fastening plates are used as heat-bridging-free fastening system for self-bearing pre-fabricated profile metal panels.

PRODUCTS & SOLUTIONS

9. ANTI-CORROSION FILM GALVANIZING SYSTEM

➤ FILM GALVANIZING SYSTEM

✓ ZINGA®

The film galvanizing system ZINGA® is a coating that contains 96% zinc in the dry film and provides cathodic protection to ferrous metals. It can be used as a unique system as an alternative to hot-dip galvanization or metallization, as primer in a duplex system or as a recharging system for hot-dip galvanization or metallization.

✓ Aquazinga

Is a two pack 100% water-based anti-corrosion system based on inorganic zinc silicates. Due to its high zinc content in the dry film (92%) it provides cathodic protection to ferrous metals. It can be used as a stand-alone system as an alternative to hot-dip galvanisation or metallization. Aquazinga has an excellent resistance to abrasion and is designed to withstand corrosive environments and severe conditions, including high temperatures (up to 600°C).

➤ ZINC RICH PRIMERS

✓ Monoprimer

Is one component moisture curing polyurethane primer. Its lamellar structure together with its moisture curing properties provides a very good impermeability.

➤ SEALERS ON ZINGA

✓ Zingalufer (Polyurethane sealer)

Is moisture curing one pack polyurethane. Micaceous iron oxides create the special lamellar structure which creates a very tight paint film → excellent water and corrosion resistance. Alufer N can be applied as an intermediate and/or topcoat on Zinga. Alufer N can be used for immersion in water, sea water and several chemicals.

✓ Zingaceram HS (Epoxy sealer)

Is a high solid 2 pack intermediate coat to be applied as a sealer over ZINGA. Due to its high solid (HS) content it shows good compatibility on ZINGA. Zingaceram HS has very good abrasion resistance and excellent corrosion protection properties.

PRODUCTS & SOLUTIONS

➤ TOPCOATS ON ZINGA

✓ **Alu ZM**

Is a quick drying one pack coating based on aluminum flakes. It can be applied directly onto old, uncorroded hot-dip galvanized or thermal sprayed zinc substrates or as an aluminum topcoat on ZINGA. It can be applied by brushing or spraying in a wide range of atmospheric circumstances.

✓ **Zingacolour**

Is two pack polyurethane topcoat. It contains zinc phosphate as rust inhibitive pigment. Low gloss grade (Level 3: egg shell – MPI):20%.

✓ **Zingafinish**

Is a two pack polyurethane topcoat.

✓ **Zingagloss**

Is a one pack paint based on moisture curing aliphatic polyurethane resins. It shows good resistance to weathering, chemicals, abrasion, and impact.

✓ **Zingatarfree**

Is one-pack moisture curing polyurethane paint especially recommended for immersion circumstances (seawater). Thanks to the MIO particles, it has excellent water and corrosion resistance & high chemical resistance

✓ **Zingaceram PU**

Is a very hard-wearing and UV-resistant two pack acrylate-polyurethane topcoat that has been pigmented with ceramic particles to prevent erosion of the surface from wind-blown sand and dust particles. **Zingaceram ZM** is available in **4 Litre** tins and the full range of RAL colours.

✓ **Zingaceram EP**

Is two pack epoxy topcoat with easy film build, very good hardness and high chemical resistance.

PRODUCTS & SOLUTIONS

➤ SPRAYS

✓ **Zingaspray**

Offers the film galvanising system ZINGA in an aerosol spray for easy small applications. ZINGA contains 96% Zinc in the dry film and provides cathodic protection to ferrous metals. Zingaspray is ideal for the repairing and touching-up of damaged or old hot-dipped, Zinganised or other zinc coated structures.

✓ **Zingaluspray**

Is an anti-rust protection and welding coating with galvanic features and full cathodic protection. It is ideal for the repairing and touching-up of damaged or old hot-dip galvanization, Zinga and other Zinc systems.

✓ **Aluspray**

Offers a coating based on aluminum flakes in aerosol spray. It can be applied either without primer on an old, non-corroded hot-dip galvanisation or metallization layer or as topcoat on top of ZINGA. Aluspray is mainly applied for esthetical reasons as it gives a nice aluminum aspect.

➤ THINNERS

✓ **Zingasolv**

Is the recommended thinner to be used with **Zinga** when spraying. It can also be used for cleaning equipment.

✓ **EP Thinner** is a thinner for Zingaceram EP.

✓ **HS Thinner** is a thinner for Zingaceram HS.

✓ **PU Thinner** is a thinner for Zingaceram PU.

✓ **Thinner 41**

Is a thinner for Zingalufer, Zingacolour, Monoprimer, Zingafinish, Zingagloss and Zingatartfree.

PRODUCTS & SOLUTIONS

10. DECORATIVE CONCRETE ADMIXTURES

➤ INTEGRAL COLOR PRODUCTS

- ✓ **CSI Integral Color- Helix Integral Color** pigment is made from the highest grade of iron oxide pigment .They are available in a wide variety of standard & custom colors.
- ✓ **CSI 120 Utility red** pigment is made from a specialty grade of iron oxide designed to meet conduit red specifications while providing a cost effective coloring solution.

➤ COLOR HARDENER PRODUCTS

- ✓ **CSI Color Hardener** is the premium product for colored or imprinted concrete flatwork, or any concrete surface to show tone, texture, color and craftsmanship. This product delivers premium architectural concrete performance: brilliant color, superior finishing, durable, hardened surfaces and improved texture transfer. CSI Color Hardener increases abrasion resistance and surface density and reduces porosity. Proper use of CSI Color Hardener can increase surface strength.
- ✓ **CSI Heavy-Duty Color Hardener** is an excellent hardener for surfaces which require increased impact resistance, such as parking structures, distribution centers, shopping centers, amusement parks, and convention centers.

➤ RELEASE AGENT PRODUCTS

- ✓ **CSI Release Powder** is engineered for use on any color hardened, textured concrete including gray, integral colored and color hardened surfaces. This product provides a clean release from any type of texturing tools while creating colored highlights and antiquing effects for the look of natural stone, tile, or wood.
- ✓ **CSI Liquid Release** is a premium, high performance liquid release agent. CSI Liquid Release is a clear, low volatility, slow drying and non-pigment method for releasing all types of texturing tools from the surface. Its low viscosity formula allows for a longer surface life, requiring less frequent re-application.

PRODUCTS & SOLUTIONS

➤ MORTAR COLORS

- ✓ **CSI Mortar Colors** are a blend of synthetic and natural iron oxide pigments designed for use in all standard types of mortar (Type N, S, M, or O), as well as cement and lime mixes. It enables the architect, designer, or builder to add an additional dimension of artistic design to traditional masonry surfaces.

➤ STAMPABLE OVERLAY PRODUCTS

- ✓ **CSI Stampable Overlay** transforms simple flooring into an appealing expanse of imprinted artwork. This product was created to bond with most structurally sound substrates and can be textured with most standard imprinting tools for the illusion of authentic, hand-laid stone or brickwork.
- ✓ **Epoxy Primer** Helix Integral Color pigments are made from the highest grade of iron oxide pigment.
- ✓ **Helix Epoxy Bonder** is a two component, water reducible epoxy primer designed as an adhesion promoter between Helix cement-based overlay toppings or opaque coatings, and hard surface substrates.
- ✓ **Helix Repair Mortar** is a two-component, polymer-modified, cementitious product intended for renovating qualified surfaces prior to the application of subsequent coatings or products. It is designed for applications requiring reduced substrate porosity, increased bond strength and reduced alkaline material transfer.

➤ MICROTopping PRODUCTS

- ✓ **CSI Microtopping INT** (Interior) is an ultra-thin, acrylic polymer-modified, cement-based topping that creates striking new colored surfaces over old concrete substrates. Designed primarily for interior projects, it produces an extremely hard, rigid, and durable wear surface when applied over structural concrete substrates.

PRODUCTS & SOLUTIONS

- ✓ **CSI Microtopping HD** (Heavy Duty) is an ultra-thin, vinyl polymer-modified cement-based topping for exterior projects and produces a hard but flexible wear surface, used to create stunning solid color surfaces, or applied in white or gray can be stained or dyed within 24 hours of application.
- ✓ **CSI Finishcrete** is a polymer modified, Portland cement-based, light gray powder designed for repairing, and finishing and/or smoothing concrete surfaces. When rubbed or troweled onto the surface of new or aged concrete surfaces, CSI Finishcrete fills honeycombs, pinholes, voids and other surface imperfections to give a smooth, aesthetically pleasing surface. CSI Finishcrete should not be used as a wear surface on floors.

➤ CONCRETE DYES

- ✓ **CSI Concrete Dye** is a combination of specialty formulated dye / metal complexes concentrated in a water-based LOW VOC solution. When applied to prepared concrete, polished concrete or overlays, it will provide intense, translucent color effects, similar to stains, without creating a coating that can be worn away.

➤ STAINS

- ✓ **CSI ChromaStain** is a ready-to-use, penetrating, acidic stain that chemically reacts with cured concrete to produce permanent, or translucent color effects. It penetrates new or existing concrete to chemically form insoluble, colored precipitates that remain in the concrete pores & don't fade.
- ✓ **CSI Restore Solid Color Stain** ultra-low VOC, water-based epoxy penetrating concrete stain. CSI Restore makes it easy to rejuvenate colored surfaces or plain gray concrete without altering surface texture. It is used with existing, unsealed, interior or exterior, concrete and other cementitious surfaces.

PRODUCTS & SOLUTIONS

- ✓ **CSI Penetrating Stain Sealer** is a modified acrylic-siloxane emulsion that penetrates into concrete to form a strong, breathable barrier that reduces water migration, dusting, staining and freeze-thaw damage. This environmentally friendly product is intended for use on colored or uncolored, flat, embossed or precast concrete surfaces.
- ✓ **CSI CemTint** is a permanent, penetrating, water-based staining compound designed to provide translucent, marbled hues and tones on gray and colored substrates.
- ✓ **CSI Stain Pretreatment and Concrete Cleaner** is a detergent modified weak mineral acid concentrate used to clean mineral deposits from concrete, as well as prepare concrete substrates for staining with CSI ChromaStain* and CSI Concrete Dye*.

➤ COLOR TINTS

- ✓ **CSI Sealer Tints** are UV stable, soluble tints designed to color all CSI Sealer Systems. Available in water and solvent-base, CSI Sealer Tints will turn any clear sealer into a semi-translucent colored coating. A low cost, fast track alternative to stains and other coatings.

➤ ADMIXTURES & BONDERS

- ✓ CSI manufactures a line of high-end admixtures and concrete bonders. Re-emulsifying, and non-re-emulsifying concrete bonding agents for use as strength and adhesion promoters, as both internal admixture, and external primer. Designed for use with concrete, mortar, stucco, overlays, underlayment and most cement based materials.
The admixtures and Bonders' line include the products: **Concrete Bonder Type I, Concrete Bonder Type II, Reinforcing Admixture, and Water Proofing Admixture**

PRODUCTS & SOLUTIONS

➤ SEALERS & WAX FINISHES

- ✓ **CSI Solvent Seal 18, 23, 27** are high quality, breathable, solvent-based 100% acrylic sealers designed to permanently seal concrete and masonry surfaces, providing finishes that will protect surfaces from water, dust, stains and dirt.
- ✓ **CSI Solvent Seal 23 Gloss Spray Fast Dry (SPFD)** is a high quality, solvent based acrylic sealer. It is designed to seal concrete, masonry and stone surfaces, providing a gloss finish that will protect from water, dust, stains and dirt.
- ✓ **CSI CemSeal WB Gloss** is water based pure acrylic sealer suitable for decorative concrete, gray concrete, stone, brick, stucco, porous tile, and concrete counter tops. It has excellent blush resistance, as well as resistance to yellowing from UV exposure.
- ✓ **CSI Penetrating Sealer** is a modified acrylic-siloxane emulsion designed to penetrate into the surface of concrete to form a strong, breathable barrier that reduces water migration, dusting, staining and freeze-thaw damage.
- ✓ **CSI Super Seal** is a water-based silicone water repellent made of special hybrid of Silane and Siloxane. It provides water repellency to porous construction materials such as bricks, stone, concrete blocks, mortar and grout. It helps protect concrete existing or newly poured concrete from salt, freeze and water damages.
- ✓ **CSI PolySeal WB** is a water-based polyurethane that forms a high-solids coating. It is UV stable, non-yellowing and forms a high build film that preserves and protects any interior or exterior concrete, masonry or stone surface. It is an odorless, extremely durable, chemical-resistant barrier coating.
- ✓ **CSI Poly Seal 85 SB Hi Gloss** is a tough, 85% solids aliphatic poly-urea system that protects and beautifies decorative and gray concrete surfaces. When applied to concrete will result in a high-gloss, abrasion-resistant surface that is resistant to temperatures up to 350° F.
- ✓ **CSI PolySpartic 65 SB** is a fast-curing two-part Polyaspartic aliphatic Polyurea sealer/finish coating for both decorative and protective applications. Being self-priming, the material is applied in single or multiple coats by brush, roller, squeegee or sprayer of varying thicknesses to a variety of substrates i.e. concrete, wood and metal.

PRODUCTS & SOLUTIONS

- ✓ **CSI PolySpartic VOC** is an odorless fast-curing two-part polyaspartic aliphatic Polyurea sealer/finish coating for both decorative and protective applications. It is applied to a variety of substrates including concrete and metal.
- ✓ **CSI Floor Finish WB Gloss or Satin** is a high-solid, high gloss finish to be used over interior applications of CSI solvent-based and CSI water-based sealers. CSI Floor Finish WB Satin, a water-based product, is a high-solid, matte finish to be used over interior applications of CSI solvent-based and CSI water-based sealers.
- ✓ **CSI Super Floor Finish** is water based high solids polyurethane modified acrylic floor finish to be used over interior applications of CSI solvent-based and CSI water-based sealers.

➤ CLEANERS, STRIPPERS & ACCESSORIES

- ✓ **CSI Neutralizer/Degreaser** is the product of choice for neutralizing acid stain floors prior to sealing, and to remove oil, grease or other types of soils from colored, imprinted and natural concrete surfaces.
- ✓ **CSI Sealer Stripper** is a methylene chloride based chemical stripper for removing sealer, paint, and any type of coating from concrete surfaces without harming the concrete.
- ✓ **CSI Stain Pretreatment and Concrete Cleaner** is a detergent modified weak mineral acid concentrate used to clean mineral deposits from concrete, as well as prepare concrete substrates for staining with CSI ChromaStain* and CSI Concrete Dye*.
- ✓ **CSI Grit Additive** is a clear polymeric grit that is added to sealers and coatings to increase the coefficient of friction to help reduce surface slipperiness.
- ✓ **CSI Surface Etch** is a unique product applied to the surface of freshly placed concrete that slows the hardening of the cement by temporarily deactivating the hydration process. CSI Surface Etch develops a polymer film that acts as a water barrier and curing compound which protects the concrete from incidental rain.

PRODUCTS & SOLUTIONS

➤ QUICKTOPS PRECAST SYSTEM

- ✓ **Helix QuickTops** pre-cast concrete mix is an easy to use, just add water concrete countertop system.

➤ CURES, CURE & SEAL, EXPOSED AGGREGATE

CSI manufactures a line of high-end admixtures and concrete bonders. Re-emulsifying and non-re-emulsifying concrete bonding agents for use as strength and adhesion promoters, as both internal admixture, and external primer.

- ✓ **Cure and Seal 25 SB** is a solvent based high-solids acrylic polymer, film-forming curing and sealing compound.
- ✓ **Cure and Seal 25 SBNY** is a solvent based, non-yellowing high-solids acrylic polymer, film-forming curing and sealing compound.
- ✓ **Cure and Seal 25 WB** is a water based Class non-yellowing high-solids acrylic polymer, film-forming curing and sealing compound that is available in a glass finish.
The cure and seal products leave a clear film that assists the cure of freshly placed concrete and helps protect surfaces from chalking, staining and dirt contamination.
- ✓ **Color Wax** is a water-based, wax-modified, acrylic formula coating that works as both a curing membrane and as a long-lasting, durable and colored decorative finish to colored concrete surfaces. With its excellent adhesion properties and superior resistance to ultraviolet light—as well as resistance to acids, oils, mildew and alkali—CSI Colorwax is formulated especially for exterior concrete surfaces.
- ✓ **Color Cure** is ready-to-use water based colored membrane curing compound and sealer designed to increase the impact strength and protect architectural colored concrete. It is also excellent as a seal to dustproof concrete and repels water and stains. It is suitable for both interior and exterior use.
- ✓ **Surface Etch** is a unique product applied to the surface of freshly placed concrete that slows the hardening of the cement by temporarily deactivating the hydration process. CSI Surface Etch develops a polymer film that acts as a water barrier and curing compound which protects the concrete from incidental rain.

BRANDS

	KRYTON	HYDROPHILIC CRYSTALLINE WATERPROOFING www.kryton.com
	LATERLITE	LIGHTWEIGHT CONCRETE & PREMIXED PRODUCTS www.laterlite.com
	AMBEX	CONCRETE REPAIR SOLUTIONS www.ambexcorp.com
	FORTA	FIBER REINFORCEMENT FOR TOUGHER, LONG-LASTING CONCRETE www.fortacorp.com
	TEAIS	DECORATIVE RENDERS & SPECIAL COATINGS www.teais.es
	FOAMGLAS	CELLULAR GLASS INSULATIONS FOR THE BUILDING ENVELOPE www.foamglas.ae
	ISOLGOMMA	THE ART OF SILENCE INSULATION TECHNOLOGY www.isolgomma.com
	TRADECC	CARBON FIBER FOR STRUCTURAL STRENGTHENING www.tradecc.com
	CHEMSYSTEMS	COLOR & CEMENT BASED ADMIXTURES FOR DECORATIVE CONCRETE www.chemsystemsinc.com
	ZINGA	ACTIVE PASSIVE PROTECTION AGAINST CORROSION www.zinga.eu
	SAINT-GOBAIN	SUSTAINABLE HABITAT www.saint-gobain.com
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