



Global Construction Chemicals



- ▶ Waterproofing
- ▶ Leak Sealing
- ▶ Ground Stabilization
- ▶ Concrete Admixtures
- ▶ Construction and Repair
- ▶ Tunnelling and Mining
- ▶ Equipment

normet
FOR TOUGH JOBS



Global Construction Chemicals



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TAM International are world leaders in specialist chemicals and systems for waterproofing, leak sealing, repair and protection for the civil construction, underground construction and general building industry.

We specialise in new build, repair and structural rehabilitation across a full range of substrates along with products for geo-technical applications.

TAM International has over 25 years experience in the manufacture and supply of specialist chemicals and systems for the global construction industry, backed up by our renowned technical support.



Through our recent partnership with specialist underground equipment manufacturer 'Normet', TAM has strengthened its position in the Tunnelling & Mining sector.

With manufacturing, sales and distribution facilities worldwide, we are recognised as market leaders and are committed to remaining at the forefront of our industry through continual investment in research and development. Our goal is to supply the highest quality materials along with market leading technical support offering a one stop solution for our valued customers.

“ Market leaders with
manufacturing, sales
and distribution
offices worldwide ”





▷ Waterproofing Products

Our Waterproofing products include the TamSeal and TamSil range of coatings and liquid applied impregnating systems.

Our TamSeal 20, DS and Admix materials react to form an insoluble crystal matrix within the pore and micro crack structure of the concrete or mortar. These materials provide an in-depth or integral waterproofing function that is permanent, effective and easy to use. Our polymer enhanced waterproof coating materials are pre-packed, efficient technologies designed for use in a variety of applications including water retaining structures, podium decks, lift pits, pools, roofs, etc.



“
The widest selection of
specialist waterproofing
techniques available”

TamSeal protects concrete against carbonation and chloride attack, as well as seawater, wastewater and aggressive ground water.

TamSil materials are ultra low viscosity impregnating systems providing in-depth waterproofing for bridge structures, rooftops, airport runways and water retaining structures. TamSil materials are transparent, chemically reactive systems providing long-term waterproofing protection.



▷ Leak Sealing Products

We offer a comprehensive range of leak sealing grouts and resins to the construction industry including the TamAcryl and TamPur ranges.

“ TAM – 25 years
continual investment
in Leak Sealing
technology ”

Our leak sealing range of products are based upon Polyurethane and Acrylic resin technology and can be used in applications such as

- ▶ Sealing ultra fine joints and movement cracks
- ▶ Sealing against high water flow
- ▶ Sealing against water in masonry, brickwork, cable entries and pipe ducts
- ▶ Pipeline repairs

Our products offer excellent performance and stability even under the most extreme conditions.



They are also suitable for sealing underground structures, sealing against extreme water ingress, sealing cracks and joints and void filling in fractured rock.



▷ Ground Stabilization Products

We offer a full range of cementitious and chemical resins to the ground stabilization industry.

Our materials include the TamCrete range of microfine and ultrafine cement, colloidal silica gels and binders, acrylic gels and polyurethane resins.

Typical applications for ground stabilization products are:

- ▶ Consolidation of varying soil types (sand, CDG, etc.)
- ▶ Rockmass and rock fissure grouting
- ▶ Improving ground bearing capabilities
- ▶ Void filling
- ▶ Sealing against migration of water ingress



TAM's ultra low viscosity acrylic solutions offer increased penetration capability, excellent binding characteristics and are environmentally friendly.

“ High strength stabilization
solutions that are proven
extensively in applications
throughout the world ”



▷ Concrete Admixtures

Our state of the art concrete admixture technology enhances concrete placing efficiency, reduces energy and optimizes overall concrete performance.

We manufacture a complete range of concrete admixtures for all types and grades of pumped, poured and sprayed concrete.

Our portfolio of admixtures includes High Range Water Reducers, Plasticisers, Super Plasticisers and state-of-the-art Hyper Plasticisers where long-term durability and ultra high early and ultimate strengths are required.



“*Ease and efficiency
with state of the art
technology*”

Our unique TamCem Admixtures extend the working time of concrete and enhance the surface finish. This is achieved through superior compaction using zero energy (Self Compacting Concrete).

Our TamCem HCA is a special Hydration Control Admixture for extending the working time of Cast and Sprayed Concrete applications which in turn increases the ultimate compressive strength.



▷ Construction and Repair

We offer a full range of products from high build repair mortars, polymer enhanced floor repair materials, flowable and pourable non-shrink grouts through to jointing compounds, adhesives, epoxies, spray mortars, and systems to stop the corrosion of steel reinforcement.

Our high build concrete repair materials have been designed to achieve maximum build thickness with low shrinkage and excellent compressive strength values.



TAM epoxy injection resins can be used for structural repair to cracked concrete and delaminated renders and screeds. Our high performance polymer enhanced joint compound and fairing coat comes pre-packed in an easy to use format for mixing and applying.



“Specialist products you
can trust, designed to
generate high yields”

Typical applications for our diverse range of concrete repair solutions include:

- ▶ Beams and soffits
- ▶ Cracked concrete
- ▶ Waterproof render to brick work and block work
- ▶ Delaminated grout beds
- ▶ Bearing pads
- ▶ Water containment
- ▶ Pre-cast members
- ▶ Columns and beams
- ▶ Joint reinstatement
- ▶ Bolt grouting
- ▶ Floor screeds
- ▶ Safety and self levelling flooring systems



▷ Tunnelling and Mining

TAM understands that high productivity and safety are the main priorities associated with tunnelling and mining projects.

Flooding and collapse can have catastrophic consequences to project cost, the environment and safety of workers. With this in mind we have developed a range of Tunnelling and Mining systems where high productivity can be achieved, without sacrificing safety.

We have developed a range of injection technologies including Microfine Cements, Acrylic Gels, Acrylic Grouts and Polyurethanes to prevent water ingress and to consolidate weak and fractured rock and soil geologies.



“ Systems where high
productivity can be
achieved, without
sacrificing safety ”

In keeping with major advancements in Sprayed Concrete technologies we have developed state-of-the-art high performance water reducing Admixture Systems, Hydration Control Admixtures, Hyper Plasticisers and high performance Alkali Free Set Accelerators.

Our products support the Tunnel Boring Machine (TBM), Drill and Blast, and Mechanical Excavation methods of tunnelling and suit all rock and soil types.



▷ Equipment

Our extensive range of specialist equipment and systems are suitable for applying all TAM products and are available for sale, lease and hire.

Our equipment range has been specially designed and selected for efficiency, productivity and ease of use. We understand that the appropriate, reliable equipment can influence the success and outcome of a project for our customers, therefore we are committed to support you all the way.

“ We are committed
to support you
all the way ”

Our range of specialist Pumps and Accessories enables superior application of our speciality products in waterproofing, repairing, protecting and sealing.



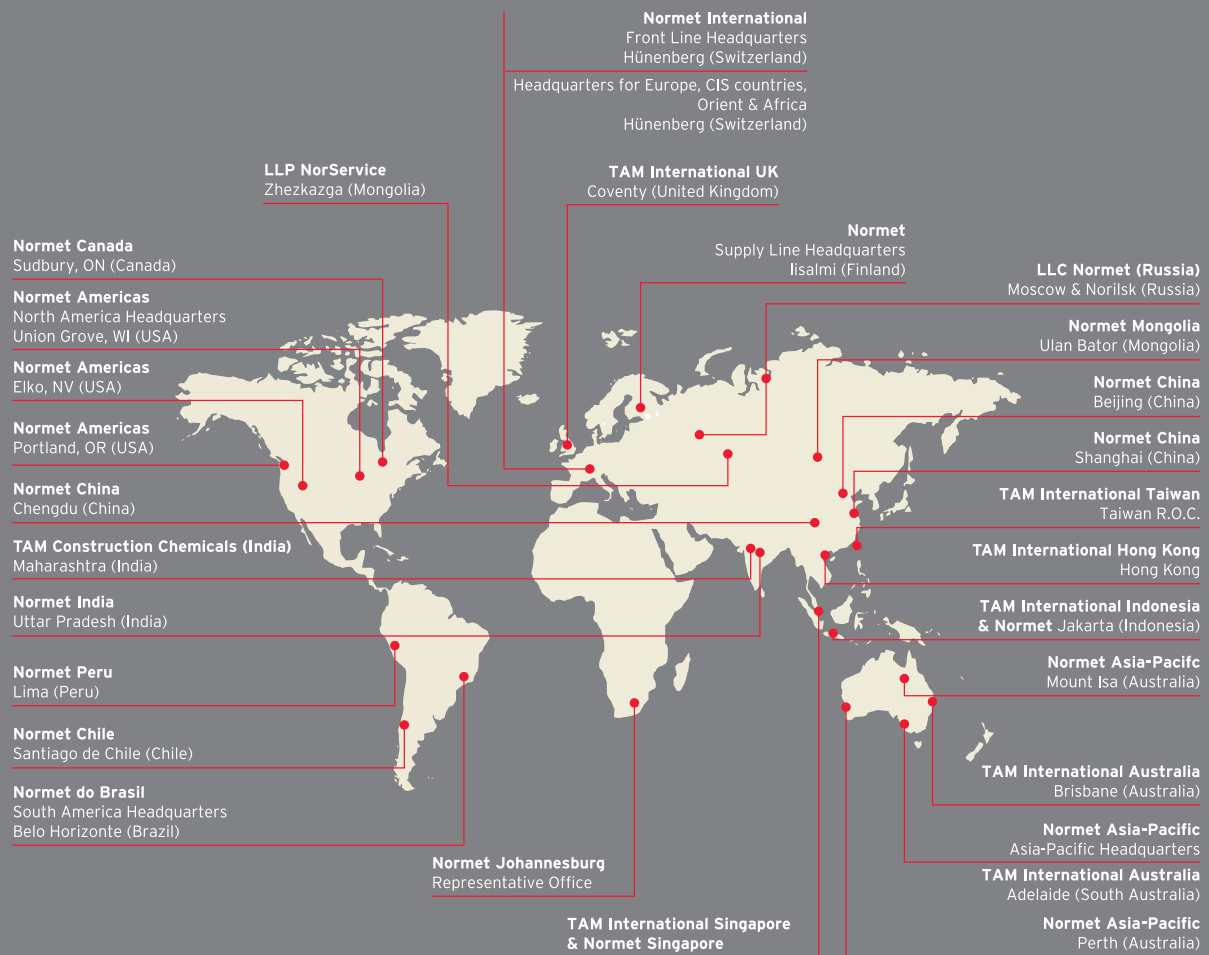
When applying sprayed concrete for mines, tunnels and other civil engineering structures, our range of fully self-propelled, mechanized and automated spraying systems deliver high productivity, superior operator safety and outstanding quality.

To help our customers achieve successful and effective results, TAM provides full equipment servicing, including all technical aspects of pump usage and application details.



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For your local TAM International representative, visit our website www.taminternational.com



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