

CyTech International

Bituminous Products and Construction Chemicals

CyTech was established to meet the increasing demands of the international pavement industry, and has successfully accomplished this with a focused combination of technical know-how, manufacturing expertise and problem solving capabilities.

CyTech's core products and services range are geared to meet the specialist needs of the highway and airfield maintenance sector, providing cost effective solutions with minimal disruption to operations. Quality is at the forefront of CyTech operations. Technical back-up is comprehensive, reliable and of highest caliber.

The combined skills of its technical competence, extensive logistical excellence and multi-location production units affords CyTech, a unique advantage by ensuring consistent delivery of high quality systems and services globally.

Performance Graded Asphalt Binders (PMB)

Full range of performance graded binders in strict compliance with ASTM-M-320 specifications (Superpave Technology) offering region-specific PG binders, utilizing correct grades of polymers to ensure strict specification compliance, stability and optimum performance. The "CyTech PG Technology" makes use of extensive range of dedicated CyTech designed modification equipment supported by fully equipped SHRP compliant laboratories.

Pavement Rehabilitation and repair systems

Extensive range of performance designed and formulated systems for rehabilitation and repair of both concrete and asphalt pavements. The range includes, quick set flexible concrete repair compound that can be trafficked by aircraft in under 60 minutes, generalized crack repair, pothole repair and cold mix micro surfacing systems.

Joint sealants

Extensive range of specialized elastomeric joint sealants including polysulphides for high movement joints, fuel resistant pavement sealants suitable for airfield environments, bituminous joint sealants for low movement joints, airfield automated ground lighting (AGL) slot sealers and traffic control loop sealers.

Waterproofing systems

Extensive range of modified bituminous liquid waterproofing systems formulated to international standards including liquid one-part elastomeric waterproofing compounds for critical waterproofing applications with "high build" capabilities.

Asphalt Pavement Coatings

Extensive range of asphalt road slurry coating systems that provide coloured traffic demarcation and anti-skid properties in addition to steel bridge deck traffic coatings. The range also, includes protective coating systems for asphalt pavements against effects of fuel, hydraulic fluid and other hydrocarbon compound spillage damage.

Mould Release Agentss

Semi and environmentally friendly concrete mould releasing agents that, offer accurate and non-staining concrete shutter release properties. The fair face of concrete is clean and free from imperfections which is not the case with traditional diesel and oil based mould release agents.

Corrosion Inhibiting Concrete Admixtures

Unique corrosion inhibiting concrete admixture that, chemically inhibits the corrosive action of chlorides on reinforcing steel and pre-stressing tendons in concrete. The system is particularly recommended to protect all steel reinforcement, post-tensioned and pre-stressed concrete that is exposed to chlorides from de-icing salts or marine environments.

Bridge Deck Joints

Climate specific asphaltic “Plug Joint” system, designed for low to medium movement joints offering smooth, noise free quality ride that is easy to maintain, install and repair. The unique system eliminates problems of ride quality, service life longevity often associated with traditional mechanical steel bridge deck joint systems.

Bitumens, Prime and Tack Coats

CyTech is a major force in the supply of ASTM D-946 bitumens, ASTM D-2027/2028 Cut-Back prime coats and ASTM D-977/2397 Tack Coats to the MENA Region and Africa for asphalt pavement and highway construction.

Asphalt Compactor Release Agent

CyTech, CytoGlide lubrication and antifouling agent have been specifically formulated to provide environmentally friendly and effective solution to asphalt mix fouling of paver wheels/tracks, PTR tires and compactor drums. CytoGlide is supplied in concentrate form for dilution with water for an economical non-hydrocarbon based antifouling agent that, eliminates the risks of streaking.

Line Markings

CytoLine system is a durable hydrocarbon thermoplastic and cold applied epoxide pavement marking range that, imparts superior adhesion to asphalt and concrete pavements. The CytoLine system incorporates high refraction glass spheres for optimum visibility and service, under most challenging of environments suitable for Highways and Airfields.

Pavement Protective Coatings

CytoSeal

High performance fuel resistant coating for asphalt pavements in airfield environments (aprons/taxiways and re-fuelling areas)

Bridge Joint Systems

CytoJoint

High performance in-situ asphalt bridge deck joint system.

Pavement Repair Products

CytoCrete

Unique hot applied concrete repair compound - flexible concrete

CytoPatch

Cold applied ready to use asphalt pot-hole compound.

CytoPave RS/RR

Hot applied bituminous compound for sealing cracks on asphalt substrate using "rout and seal", "over-band" and "recess repair" methods.

Paving Sealants

CytoSeal

Wide range of elastomeric and low movement joint sealant systems for asphalt and concrete.

Waterproofing

CytoProof

Wide range of liquid applied waterproofing systems including elastomeric for critical applications and tanking membranes.

CytoFlex 800

Bitumen modified liquid, elastomeric roof membrane with excellent elongation and tensile properties.

CytoFlex 2000

High performance rubberized bitumen emulsions for demanding critical waterproofing applications.

CytoPhalt

High specification emulsion coating with 1500% elongation capability.

CytoProof 8000

Pitch modified high build polyurethane based elastomeric liquid waterproofing membrane.

Mould Release Agents

CytoStrike EF

Environmental friendly water based chemically active mould release agent.

CytoStrike SEF

Unique semi-environmentally friendly partially solvent mould release agent.

CytoStrike SB

Solvent based, chemically active mould release agent.

Concrete Curing Compounds

CytoCure WXC

Wax based curing compound.

CytoCure WXW

Pigmented white wax based curing compound.

CytoCure RA

Resin based high performance curing compound.

CytoCure C

Chemically re-active water based curing compound.

Specialized Products

Corrosion Inhibitor Concrete Admixture

Calcium Nitrite CA (NO₂)₂

Unsaturated Polyester Resins

Toll manufactured products

Automotive repair putties

Automotive Polishing compounds