



Walker Sealants Ltd

Leading Specialist Manufacturer of Armour & Dantex Products for Highway & Runway Maintenance



Product Range



Armourband®

Armourjoint®

Armourlay®

Armourscreed®

Armourgrout

Armourseal®

Armourbit®

Dantex CP Primer®

Dantex Iron-Guard®

Dantex Maxi-Crete®

Dantex PEP-Coat®

Dantex Ultra-Band®

Dantex Ultra-Screed®

Dantex Ultra-Seal®

Dantex Maxi-Flex®

Dantex Jointseal®



Armour® Range



Armourband®

BP01

Overbanding Crack Repair

► **Armourband** is a stress absorbing overbanding repair system designed to repair and seal reflective cracking in asphalt and concrete pavements. In service, the system offers high tensile strength without bleeding or deformation under vehicle movements.

► **Armourband** is a polymer modified bituminous compound containing fibre reinforcement, aggregates and adhesion agents, which resists deformation and has the strength and flexibility to limit the reoccurrence of cracking.



Armourjoint®

BP02 BP02a BP02b

Asphaltic Plug Joint System for Bridges

► A polymer modified bituminous bridge joint binder, mixed with graded aggregate to form an asphaltic plug joint in asphalt and concrete carriageways in temperate climates.

► The bridgejoint compound system can accommodate a movement range of ± 25 mm in a standard asphaltic plug joint installation of 600mm width. The system is resistant to plastic flow at surface temperatures of 50°C and is a registered binder system for use in asphaltic plug joints.



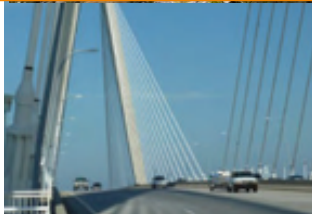
Armourjoint® HM

BP02HM

High Modulus Asphaltic Plug Joint System for Bridges

► A polymer modified bituminous bridge joint binder, mixed with graded aggregate to form an asphaltic plug joint in asphalt and concrete carriageways in tropical climates.

► The bridge joint compound system can accommodate a movement range of ± 25 mm in a standard asphaltic plug joint installation of 500mm width. The system is resistant to plastic flow at surface temperatures of 50°C and is an approved binder system for use in asphaltic plug joints.



Armourlay® 45 / 60

BP03 / BP03a

Overbanding, Crack Repair & Kerb Sealing

► **Armourlay 45 & 60** Grades are polymer modified bituminous crack repair materials which are designed to achieve SRV values of ≥ 45 and ≥ 60 respectively. The products are formulated to resist traffic and deformation in temperate climates and are suitable for application on all types of asphalt and concrete surfacing.

► The repair is fast, effective and highly ductile, preventing further deterioration.



Armourscreed® 100 / 50

BP04 / BP04a

Crack Repairs & Performance Joints

► A stress absorbing inlay crack repair system designed to repair reflective and fatigue cracking in rigid and flexible highway surfaces. In service **AS100** has excellent adhesive and compressive properties for improved resistance to wheel track deformation over a wide range of temperatures.

► **AS100** can be used as an inlay repair system, a concrete repair system and for kerb sealing work. It increases the pavements effective life and prevents further deterioration.

► The **Armourscreed AS50** is a harder version of the **Armourscreed AS100**, designed to repair reflective and fatigue cracking in concrete and asphalt airfield surfaces. As with **AS100** the installation is fast and effective and is suitable for application throughout the year.



ArmourgROUT

BP05 BP07 BP12

Road Stud Grout

► **ArmourgROUT Standard** is a blend of pen bitumen and fine limestone conforming to Highways specifications for bonding road studs into concrete and asphalt surfaces.

► **ArmourgROUT Polymerised** is a blend of polymer modified penetration grade bitumen and fine limestone extender conforming to Highways specification. The hot melt adhesive is suitable for bonding surface mounted and inset reflective road studs on concrete and asphalt surfaces.

► **ArmourgROUT Tropical** is a blend of oxidised bitumen and fine limestone conforming to Highways specifications. This is a tropical grade cats eye adhesive for bonding road studs into concrete and asphalt surfaces.

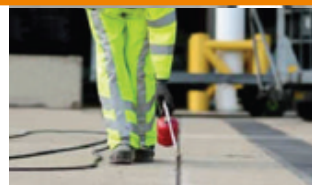


Armourseal® N1 & N2

BP08 BP09

Crack & Joint Sealing

► A hot applied joint sealant for the sealing and maintenance of horizontal joints in concrete and asphalt pavements. It is resilient to the ingress of dirt and grit associated with trafficked pavements and resistant to plastic flow over a wide range of service temperatures with good adhesion to concrete and asphalt surfaces.



Armour® Range *continued*



Armourseal®

BP11

Crack & Joint Sealing

► A rubber / bitumen modified sealant for low movement joints in concrete & asphalt floors. It is formulated to a high softening point to resist trafficking and deformation at high temperatures suitable for internal and external horizontal jointing.



Armourbit®

BP14

40 / 60 Pen Grade Bitumen

► **40 / 60 Pen Bitumen** complying with the specification for bitumen for roads and other paved areas. It is packaged in handy 12.5kg silicon lined boxes and used for joint painting and sealing asphalt surfaces.



Dantex® Range

Dantex CP Primer®

Primer for concrete & worn / polished asphalt surfacing

► **CP Primer** is a primer for concrete and worn/polished asphalt surfacing. It improves the adhesion of thermoplastic road marking material to concrete, asphalt and other bituminous surfaces.

► **CP Primer** is solvent based with a low viscosity to facilitate deep penetration into substrates.



Dantex Iron-Guard®

Ironwork repairs for asphalt & concrete

► A revolutionary HAPAS approved, polymer based, bituminous repair system for all types of ironwork reinstatement in asphalt and concrete pavements. A permanent, 100% on-site repair.

► **Iron-Guard** is a hot applied, polymer based bituminous grout suitable for use on asphalt and concrete surfaces.



Dantex Maxi-Crete® F20 / F40

Inlaid & recess repairs for asphalt & concrete

► A BBA HAPAS approved, impervious, impact resistant, highly flexible repair for cracks, failed joints, reflective cracking, transfer joints and cracks, thin bond repairs and most types of defects in asphalt and concrete pavements to any depth and width. Greatly prolongs the surface life and enhances ride quality.

► A pre-mixed, hot applied material meets friction and texture depth requirements. Offers extremely good adhesion and anti-oxidation properties. Sets to a tough, load-bearing finish capable of maintaining flexibility through a wide range of temperatures, and ensuring optimum compressive resistance.



Dantex Maxi-Crete® BR

Inlaid & recess repairs for asphalt & concrete

► A specific blend of bitumen / resin compound which is a BBA HAPAS approved, impervious, impact resistant, highly flexible repair for cracks, failed joints, reflective cracking, transfer joints and cracks, thin bond repairs and most types of defects in asphalt and concrete pavements to any depth and width. Greatly prolongs the surface life and enhances ride quality.

► A pre-mixed, hot applied material meets friction and texture depth requirements. Offers extremely good adhesion and anti-oxidation properties. Sets to a tough, load-bearing finish capable of maintaining flexibility through a wide range of temperatures, and ensuring optimum compressive resistance.

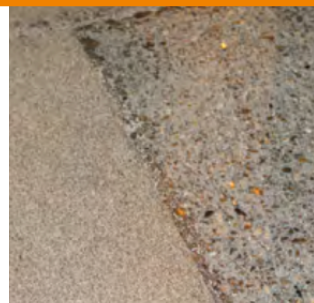


Dantex PEP-Coat®

Seals & protects concrete pavements

► Seals and protects concrete pavements from erosion, frost damage, aircraft fuel spillage and de-icing chemicals. Prolongs service life and arrests further deterioration. Greatly reduces FOD from loose stones and other debris. If a high friction finish is required, suitable high PSV aggregates can be applied to the final wearing surface. A deep penetrating epoxy resin, hand applied directly to the surface.

► With an integral, fine, hardwearing surface aggregate, it provides an extremely robust finish that will withstand high volumes of aircraft traffic. An initial cure of 3-6 hours. Used at Heathrow Airport, MOD bases and waste transfer stations.



Dantex® Range *continued*



Dantex Ultra-Band®

Fill & overband crack repair system for asphalt & concrete

► BBA HAPAS approved for the filling, sealing and overbanding of cracks and joints. Ideal for lane joint failure – the No 1 choice for motorways. Fills cracks and creates an over band in one operation. Flexible, impermeable, extremely durable repairs prolonging service life of non-porous bituminous and concrete surfaces.

► **Ultra-Band** has excellent load bearing and anti-oxidation properties. It penetrates deep into cracks and joints setting to a resilient loadbearing finish. Inlaid on airfield taxiways to prevent FOD. Cracks and joints are treated up to a width of 40mm and the overband seal can be applied up to a width of 200mm. Curing time of <30mins.



Dantex Ultra-Band® BR

A Flexible Fill & Overband Crack Repair System for Asphalt & Concrete

► **Ultra-Band BR** is a specific blend of bitumen / resin compound which is BBA HAPAS approved for the filling, sealing and overbanding of cracks and joints. Ideal for lane joint failure – the No 1 choice for motorways. Fills cracks and creates an over band in one operation. Flexible, impermeable, extremely durable repairs prolonging service life of non-porous bituminous and concrete surfaces.



Dantex Ultra-Screed®

Thin veneer repairs for asphalt & concrete

► A highly versatile filler for voids, shallow potholes, ravelled surfaces, lane joints and most surface course defects. Used for pre-surface dressing patching and screeded in layers to fill minor potholes. Recessed into airfield pavements over cracks and joints and other defects to prevent FOD issues. Suitable for asphalt and concrete surfaces and all classes of roads.

► **Ultra-Screed** is a unique blend of resins, high PSV aggregates and polymers. Hot applied and results in an impervious, impact resistant and load bearing repair. Remains slightly flexible and leaves a high friction finish able to withstand heavy traffic. Curing in <30mins.



Dantex Jointseal® N1 & N2

Crack & joint sealing

► A rubber / bitumen modified sealant for low movement joints in concrete & asphalt floors. It is formulated to a high softening point to resist trafficking and deformation at high temperatures suitable for internal and external horizontal jointing.



Dantex Maxi-Flex® 50 / 100

Crack repairs & performance joints for asphalt & concrete

► Used for stress absorbing, recess repairs, reflective and fatigue cracking in road and airfield surfaces and for high performance joints in aircraft pavements. **Maxi-Flex 100** offers excellent flexibility especially for transitional joint repairs. Harder grade **Maxi-Flex 50** has superior load bearing qualities.

► Excellent adhesion and compression, improved resistance to wheel track deformation over a wide range of temperatures. Excellent for kerb sealing. Can be used as a SAMI. A blended polymer modified bitumen material suitable for year round use and fast to install.



Dantex Ultra-Seal® 45 / 60

Overbanding, Crack Repair & Kerb Sealing

► Hot-applied general purpose sealant used for overbanding, repairing cracks and kerb sealing in asphalt and concrete surfaces.

► **Ultra-Seal 45** comprises fine aggregate with a PSV of 45 and **Ultra-Seal 60** comprises aggregate with a PSV of 60.

► An **Ultra-Seal** repair is fast and effective, ductile and highly durable.



Manufactures & Suppliers of:
 Joint Sealants
 Bituminous Repair Compounds
 High Friction Surfacing
 Colour Coated Aggregates
The Complete Highway Service

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A member of the Walker Group of Companies