Prismo®

The mark of enduring quality



Global Airfield & Airport Solutions

Aviation doesn’t stop.

Neither do we.

Every day, thousands of aircraft move across the world’s airfields, relying on clear, consistent markings to guide them safely and efficiently.

But no two airfields are the same. Traffic volumes, operating conditions, weather and maintenance windows all present different challenges.

From runways and taxiways to aprons and service roads, markings must deliver dependable performance in demanding environments, often with very little opportunity for disruption.

Because on an airfield, every mark matters.





The line between a safe operation and a serious incident.

1.

Visibility

If markings can’t be seen in low light or heavy rain, they fail their primary purpose. Retroreflectivity isn’t a nice-to-have. It’s an operational requirement.

2.

Contrast

Contrast is not a design choice. Against grey concrete or dark asphalt, in glaring sun or driving rain, markings must stand out instantly.

3.

Durability

Jet blast, rubber deposits, de-icing fluids, and UV radiation attack the surface daily. A marking that fades quickly creates a maintenance burden and a serious FOD risk.



At 150 knots, a pilot has just seconds to process visual information.

Faded markings, poor contrast or reduced reflectivity do more than compromise visibility - they can affect situational awareness during critical phases of flight and ground movement.

Airfield markings play a vital role in safe and efficient operations. From guiding aircraft along taxiways and identifying runway holding positions to ensuring precise positioning at the gate, they provide essential visual guidance at every stage of ground movement. When visibility is reduced, their clarity and reliability become even more critical.

Experience you can rely on.

Performance you can trust.

For nearly a century, Prismo® has been at the forefront of marking and safety solutions, helping to set standards for quality, durability and performance across the world.



Our airfield expertise spans more than 50 years, supporting airports, military bases and defence agencies with solutions developed to meet the demands of aviation environments.

As an independent British manufacturer with an international presence, we combine established expertise with a practical, responsive approach, delivering proven products, technical knowledge and support that goes beyond supply.

Engineered for demanding environments.

Backed by experience.

Proven in performance.

90+
Years of marking heritage

50+
Years supporting airfields

70+ countries worldwide

Tested and certified solutions

Compliance that matters.

All of our airfield markings comply with ICAO, CAA and EASA requirements, with water based airfield paints also meeting US Federal Specification TT-P-1952F.

Our ranges also undergo rigorous performance testing, including certifications with AETEC and BASt, road trials with Silniční Vývoj ZDZ, and CE marking where applicable.

ICAO · OACI · ИКАО · 国际民航组织 · ايكاو

UK Civil Aviation Authority

EASA European Aviation Safety Agency

TT-P



Every airfield. Every application.

From precision runway markings to hard-wearing apron surfaces and essential maintenance repairs, Prismo® offers a comprehensive range of solutions for the diverse demands of airfield operations.

Our systems are designed to support safety, visibility and durability across the airport environment - with options to suit different surfaces, application methods and operational requirements.

- **Runway designations**
- **Touchdown zones**
- **Taxiway markings**
- **Standing positions**
- **Holding positions**
- **Apron markings**
- **Centre lines**
- **And more...**

Plus a full range of solutions beyond the airfield:

Terminals, hubs, hangars and helipads

Indoor facilities, ramps and car parks

Approach and service roads



The right solution for every surface.

Water based paint
TT-P Type II, Type III (high build) and CE marked grades

Solvent based paint
Epoxy and acrylic systems with a range of performance levels

Two Component MMA
For the toughest environments and the strongest colour

Preformed thermoplastic
Ready-to-apply pre-cut letters, numbers and symbols

Hot applied surface repair
Bitumen and resin-based crack, joint and recessed repairs

Cold applied surface repair
MMA based crack, joint, pothole and surface repairs

Beyond the airfield
Extensive range of products for every requirement

Every airfield is different, but the pressures are the same: time, traffic and visibility that cannot fail.

That's why Prismo® offers a comprehensive range of markings and surface maintenance systems, designed to provide the right combination of performance, durability and application efficiency.

Explore our product range to find the solution best suited to your airfield requirements.

Water Based Paint



Environmental responsibility doesn't mean sacrificing quality.

Low VOC, ready-to-use, and fast-drying, our water based paints deliver the rapid turnarounds and reliable visibility airside operations demand. Fully tested, fully certified with excellent adhesion to asphalt and concrete.

TT-P-1952F Compliant

US Federal Specification for waterborne airfield paints

Sets durability, drying and composition requirements

Graded across three performance types

Type	Best for	Key characteristics
Type I	General use	Standard paint for temporary or regularly renewed airfield markings
Type II	Adverse conditions	More durable paint, designed for demanding airfield conditions
Type III	Maximum durability	Engineered to retain larger glass beads at high film thicknesses


Ras El Hekma International Airport, Egypt

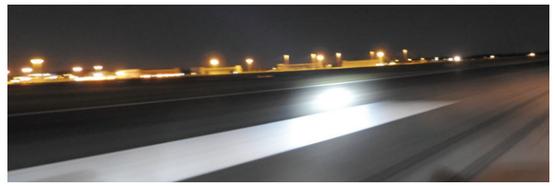
Prismo Type II Airfield Paint

TT-P-1952F Type II paint, purpose-built for airfields and offering excellent performance. Proven durability and resistance to heavy wear. Compatible with standard and high-index glass beads including TT-B-1325D Type III for enhanced reflectivity.


Bandaranaike International Airport, Sri Lanka

Prismo Type III High Build Airfield Paint

TT-P-1952F Type III paint for ultimate durability and visibility. Achieves up to 800 µm wet film thickness, accommodating larger glass beads, including TT-B-1325D Type IV. Also compatible with standard and high-index beads, depending on film thickness.



Airfield Glass Beads

We offer TT-B-1325D (Type I, III and IV) drop-on glass beads plus all standard airfield beads. Combined with our certified water based airfield paints, they deliver optimum visibility for safer aircraft movements.



CASE STUDY

Prempeh I International Airport, Ghana

At Ghana's second-largest airport and domestic hub, AquaVia® 100 XP in white and yellow delivers key runway markings, ensuring clear, consistent visibility on one of the country's busiest routes.

Solvent Based Paints

Reliable results across diverse climates and conditions.

We offer a range of performance levels to match the demands of any airfield. From acrylic and epoxy to toluene-free systems, every grade is formulated to dry fast and bond strongly to asphalt and concrete.



Standard Acrylic



Spartitraffico Acrylic

Reliable standard choice for regular maintenance cycles and less trafficked areas. Quick, consistent application, proven universally across the globe with a range of marking machines.



FS01 Non-Aromatic

Toluene-free formula for safer applications, especially during longer maintenance runs. Certified P5 durability with proven performance via AETEC, BASt, and Silniční Vývoj ZDZ road trials.

High Performance Acrylic



Spartitraffico Acrylic T

P6 AETEC certified for durability, combining enhanced longevity with a distinctively brighter finish for quality that lasts. Available in aromatic and non-aromatic formulations.



Lucido™

Bright, clear and long-lasting, Lucido™ is our maximum performing acrylic paint, designed for demanding, higher-spec permanent airfield markings. ASTM D4060 abrasion tested with 205 mg loss after 1000 cycles.



Single Pack Epoxy

Prismo Epoxyline®

The durability and chemical resistance of an epoxy in a hassle-free, single-pack formula. It delivers high performance, retained results on demanding airfields.

- Resists > 1600 abrasion cycles (ASTM D2486)
- Excellent colour retention and UV stability
- For fast turnarounds in tight windows
- High hardness antiskid grade available

Two Component MMA

The ultimate in durable airfield markings.

Our solvent-free MMA systems deliver fast-curing, tough and highly visible solutions for permanent airfield markings. We offer a complete range of certified and seasonal grades for year-round application on asphalt, stone and concrete.



Built to endure: Why our MMA is the ultimate defence against airfield wear

Airfield markings face unique stresses. Most critically, the sheer friction of heavy landing gear. Our MMA is engineered to resist exactly that.

- **Exceptional wear resistance** minimises the need for frequent re-application, reducing maintenance costs and driving long-term value.
- **Maximum UV-stable colour retention** (UV1) means markings remain clearly visible, maintaining strong colour definition where it matters most.
- **Fast-curing times** enable rapid application and shorter runway closures for minimal disruption to flight operations, even in low temperatures.
- **Independently tested and certified** performance provides assurance of durability, quality, and sustained retroreflectivity.

Our spray, hand-applied and extrusion grades cover everything from lines and area markings to symbols and signs.

Road certified 70 months BS EN 1824



Robur® Spray

BASt certified MMA spray system for fast coverage line markings via 98:2, 1:1 or reactive bead methods. Excellent night and day visibility achieving R4 at P7.



Robur® R

P7 BASt certified MMA for hand-applied signs, symbols and area markings. Delivers high-definition colour and skid resistance, without the need for aggregate.



RoViva™ 1824

A road trialled MMA, providing unmatched durability and proven performance of sustained retroreflectivity, still achieving R2 after nearly 6 years. Applied via extrusion.



Preformed Thermoplastic



Best-in-class preform for demanding environments.

Pre-cut and ready to apply, engineered for the fast application of signs, symbols and lines. Durable, highly visible and available in any design or colour to meet individual airfield requirements.

Made to ICAO requirements

Every symbol, letter and number is custom manufactured to match the specifications of ICAO Annex 14 and relevant airfield standards including design, dimensions, colour and visibility.

HIGH VISIBILITY

Day and night

Bright, reflective markings day and night, wet or dry, giving pilots clear guidance in all conditions.

DURABILITY

Built to last

Withstands wear, weathering, and constant aircraft traffic, bonding firmly to prevent FOD.

EASY APPLICATION

Lay and go

Pre-cut and ready to install. Simply melt to the surface with a gas torch or radiant heater.

COMPLEX DESIGNS

Any design

Multi-colour symbols, letters and numbers supplied in one piece, ready to apply.

SUSTAINABILITY

Bio-based

Pine rosin resins and up to 45% recycled materials, a step forward for improved sustainability.

PERFORMANCE TESTED

Certified

CE marked and certified by AETEC and BASt. Compliant to BS EN 13197, BS EN 1436 and BS EN 1871.

The fastest way to mark an airfield with precision

Any design or colour, pre-cut to your requirements

Eliminates errors and labour costs

Major time savings, especially on multi-colour markings

Ready for traffic
in minutes



High visibility across every application











Surviving the harshest Icelandic conditions

CASE STUDY

5 years on. Still performing.

- Gruelling Icelandic winters
- Ice and freezing temperatures
- Regular snow and snowploughing

Prismo® Preform signs have been installed at hundreds of locations across Keflavík Airport, Iceland's largest international gateway.

Despite the demanding conditions, the signs have shown minimal wear, remaining fully functional with excellent adhesion to the surface, helping minimise the risk of Foreign Object Debris (FOD).



Hot Applied Surface Repair

Versatile solutions and lasting performance.

From cracks and joints to more extensive pavement deterioration, our hot applied repair systems and asphaltic plug joints help protect pavement integrity in demanding environments.



THORMAJOINT®

The original asphaltic plug joint, invented by Prismo® in the 1970s and still leading the industry today. A multi-stage system featuring a specially developed, polymer-modified bituminous binder.

- Accommodates total horizontal movements up to 50 mm (± 25 mm)
- Approved by UK Department for Transport and authorities worldwide
- Seamless, durable and unrivalled; trusted for 50 years in 50+ countries
- Eliminates the need for high-maintenance mechanical joints
- Full range of grades for every climate and specification

Cold Applied Surface Repair

Durable solutions with minimal disruption.

Airfield surfaces demand repairs that last. Our two-component MMA repair systems combine exceptional durability with rapid curing, helping to minimise operational disruption and reduce long-term maintenance requirements.



PRISMOFIX™

Permanent repairs with no heat, no hassle.

Prismofix™ cold applied, MMA based systems deliver durable, long-lasting repairs to asphalt and concrete, with fast curing and no need for heating or specialist machinery.

High durability – extended service life and long-term savings

Reduced maintenance – fewer interventions and less disruption

Rapid curing – quick repairs and faster return to service

Simple to apply – no heating or specialist tools required

Eco-conscious formula – free from PFAS and solvents

Severe Cracking & Recessed Repair



Flexiscreed™ Inlaid & Recessed Repair

A polymer-modified thermoplastic reinforced with fine, pre-mixed aggregates. Suitable for severe and interconnected cracking, failed joints, recessed repairs, and reflective cracking prevention.

- Install to any width, and depths up to 40 mm (in layers of 20 mm)
- BBA HAPAS certified material
- Outstanding flow for total penetration of the recess
- Maintains flexibility between -5 °C to +30 °C
- Resists deformation and rutting under aircraft traffic loads
- High skid resistance: ≥ 60 SRT

Pothole & Surface Repair





Prismofix™ Surface Repair Kit

MMA based repair kit for reinstating surfaces around ironworks, repairing potholes and similar surface defects

- Install in layers of 20 to 60 mm
- Ready to use, all-in-one kit
- Fast-curing, simple application with no cutting or compaction required
- Resists deformation and rutting
- Built-in skid resistance: ≥ 60 SRT

Joint Sealing & Crack Repair



Thermaseal™ 1401C N1

Bituminous crack and joint sealant

- Seals 5 mm to 40 mm
- CE marked / Class N1
- For high extension movement
- Flexible and flow resistant between -25 °C and +60 °C
- Excellent recovery properties



Multiseal™ 40 N2

Bituminous crack and joint sealant

- Seals 5 mm to 40 mm
- CE marked / Class N2
- For normal extension movement
- Flexible and flow resistant between -20 °C and +60 °C
- Excellent recovery properties

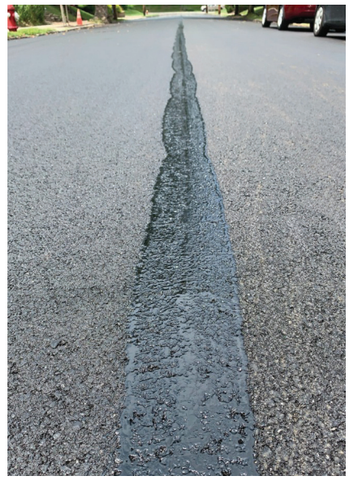


Prismo® PFT Overbanding

Preformed thermoplastic crack repair

- Seals up to 5 mm
- BBA HAPAS certified
- Ready-to-use rolls
- Simple, fast application by propane gas torch
- High skid resistance: ≥ 60 SRT

Joint Sealing & Crack Repair





Prismofix™ Crack Repair

MMA based solution for sealing cracks and joints

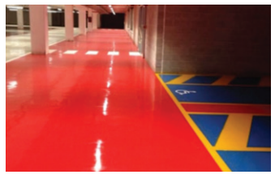
- Seals up to 40 mm
- Easy application with screed box, no heating or heavy machinery required
- Fast-setting for a quick return to service
- Resists deformation and rutting
- Fill & Overband Antiskid grade available for enhanced efficiency and built-in skid resistance

Beyond the Airfield



Two Component Indoor Paints

Superior durability and resistance from hangar floors and cargo hubs to car parks and baggage handling.



Uniepox™

Solvent Based
Epoxy-polyamide paint

- Semi gloss finish
- Concrete
- Maximum chemical, fuel and wear resistance
- Can also be applied as a thin-film dust-proof coating system



Epox All'Acqua

Water Based
Epoxy-polyamide paint

- Semi gloss finish
- Concrete
- Maximum chemical, fuel and wear resistance
- Eco-friendly and high performance water based formula



Epoline™

Solvent Based
Modified epoxy paint

- Matt finish
- Asphalt, concrete, stone and porphyry
- Excellent durability and resistant to salts, fuels and chemicals
- Aromatic free



Polisol™

Solvent Based
Polyurethane paint

- Semi gloss finish
- Concrete
- High durability, fuel and chemical resistance
- Adapts flexibly to low and fluctuating temperatures

One Component Paints

Cost-effective, fast-drying and easy-to-apply for light to medium traffic or frequent repainting.

40+ years paint expertise



Lucido™

Solvent Based
Pure acrylic paint

- Matt finish
- Asphalt and concrete
- Good durability, chemical and fuel resistance



Prismo Epoxyline®

Solvent Based
Pure epoxy-ester paint

- Matt finish
- Asphalt and concrete
- Good durability
- High chemical and fuel resistance

Supporting Products

Acrylic Transparent Paint

- Solvent based, high gloss topcoat that seals in colour, resists dirt and extends durability.

Universal Primer Sealer

- Solvent based, non-aromatic primer and high gloss topcoat. Dual function for simplified inventory and on-site logistics.

Range of Primers & Thinners

- Fast-setting primers for pre-treating surfaces.
- Solvent based thinners that enable easy dilution and efficient equipment cleaning.

Approach roads, car parks and helipads











Extensive range of products for every requirement.

Get in touch to find the right solution for your project.

- Precision-cut preformed thermoplastic for clear, durable signage and symbols
- Durable paints and MMA for reliable, high visibility line and area markings
- Hot and cold applied antiskid systems for high-risk and safety-critical zones

CASE STUDY

Malpensa Airport, Italy | Cargo Hub

As Italy's largest air-cargo hub, the site operates at a relentless pace, with heavy forklifts and constant movement putting floor markings under **immense pressure**.

Facing **failing markings** and zero margin for slow drying times, a **rapid turnaround** was non-negotiable. Covering both concrete and ridged metal, we supplied our fastest drying, high-performance paints: **Polisol™, Epoline™** and **Lucido™**.

The result was a marked improvement in **adhesion** and **safety,** delivering **highly visible** indoor markings built for the realities of airport logistics.



Every mark matters with Prismo®

Prismo® is proud to serve airports across the world, from major international hubs to regional airfields.

With over 50 years of global airfield experience, we're here to help you find the right solution for your project wherever you operate. Whether you're applying a key runway marking, repairing a joint, or tackling a demanding indoor hub, our team is ready to support you from specification through to completion.

Get in touch today to discuss how we can support your next project.

UK

Prismo Road Markings Limited
+44 (0) 1257 225 100
info@prismoglobal.com

Headquarters:
5 Drumhead Road,
Chorley North Industrial Park,
Chorley, Lancashire, PR6 7BX
United Kingdom

ITALY

Vernisol S.r.l.

Codogno:
Via Sante Giuseppe Bertini 1
Codogno (LO), 26845, Italy
+39 0377 621250
vernisolinfo@prismoglobal.com

Leini:
Via Fantasia 29
Leini (TO), 10040, Italy
+39 0377 621270
vernisoltorino@prismoglobal.com

SOUTH AFRICA

Prismo South Africa (PTY) Ltd
+27 (0) 11 473 1057
RSAinfo@prismoglobal.com

Johannesburg:
Unit 7, Commercial Park,
Aintree Avenue, Northriding,
Randburg, Johannesburg, 2162

prismoglobal.com

Prismo®
The mark of enduring quality

Vernisol™
Part of Prismo Global

E&EO. Whilst every effort has been made to ensure accuracy, no liability is accepted for the consequences of any errors, omissions or misprints in this brochure. This document contains general information only and should not be construed as creating any warranties, express or implied. Images are for illustration purposes only. Products may be changed at any time and without prior notice. Prismo, Vernisol, and all product brand names are either registered trademarks or trademarks owned or authorised for use by Prismo Road Markings Limited. Copyright © 2026 Prismo Road Markings Limited. All rights reserved. AFB1126.