

AEROMARK® Traffic CAP (Concrete, Asphalt & Paving)

INTERIOR & EXTERIOR

SOLVENT BASED

1K

Description:

A one component, high solids, solvent based, acrylic, adhesion promoted road marking paint aerosol offering fast drying & fast return to service with very high coverage & a high sheen.

Intended Uses:

AEROMARK® Traffic CAP is designed for creating highly visible, and durable lines on roads, parking lots, in warehouses and for floor demarcation. Its bright colours, and excellent adhesion ensure long-lasting visibility for traffic control & safety.

AEROMARK® Traffic CAP is your go to solution for quickly creating tough & durable markings that can handle high traffic areas. It adheres well to concrete, asphalt, interlocking bricks, paved roads, curbs & paving surfaces and is perfect for both indoor & outdoor jobs.

The high sheen provides a dirt resistant surface, and this product can be broadcast with reflective glass beads and/or anti-skid aggregate to make the surface reflective at night and/or skid resistant. This product can be used directly to concrete, paved and asphalt surfaces. For enhanced performance, a primer can be used – AEROPRIME® Dust Fixing & Concrete Primer SB.

Features & Benefits:

- High Visibility Colours – Ensures clear marking for drivers & pedestrians.
- Fast-Drying Formula – Minimizes traffic disruption during application.
- Durable and Long-Lasting – Resists wear and tear from traffic
- Excellent Adhesion – Bonds well to asphalt and concrete surfaces.
- Compatible with AEROMARK® Traffic Marking Machine: Delivers clean, sharp lines with a specialized nozzle.

Certifications:

-

Technical Data:

Product Physical Form	Aerosol	
Binder Type	Modified acrylic	
Available Colours	RAL 9016 Traffic White, RAL 1023 Traffic Yellow RAL 3020 Traffic Red RAL 9017 Traffic Black	RAL 6024 Traffic Green RAL 2009 Traffic Orange RAL 5017 Traffic Blue
Appearance	Smooth high sheen finish	
Recommended WFT	400µm per coat	
Spreading Rate	10m of 100mm line or 20m of 50mm line per aerosol can (1m ² / aerosol can)	
Number of Coats	1	
Method of Application	Aerosol spray	
Pack Size	500 ml	
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C	
Shelf Life	12 months when stored as recommended in original un-opened containers	

AEROSOLS: AEROMARK®

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Important Information:

- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- Technical & application data herein is for the purpose of establishing a general guideline of the coating application procedure.
- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection & verification of the performance and use of the coating.
- Always check weather forecast before painting. Do not paint if rain fall is imminent as it will negatively affect the ability of the product to cure and bond to the surface.
- Do not apply below 5°C or over 45°C air temperatures.

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Oil can be removed using **Hydrosolve Degreaser**.
- Fungal growth or algae can be removed using **Fungicidal Wash**.
- Laitance and loose particles must be removed thoroughly i.e., grinding /high pressure cleaning.
- Moisture content of concrete surfaces should not exceed 4%.

Newly Laid Concrete / Asphalt Surfaces:

Premature application to newly laid surfaces can impact the performance & quality of the product. Newly laid bituminous/asphalt surfaces need to cure for 4 – 6 weeks prior to applying a coating system. Existing chemical additives on the surface of new bituminous/asphalt surfaces such as flux oils & oleiferous separating agents for steel rollers will be detrimental to the adhesion of subsequent coats and can cause discolouration.

Newly laid concrete surfaces need to cure for 4 – 6 weeks prior to applying a coating system. This will provide enough time for excess moisture to leave the substrate & allow excess alkalinity to leach out which can cause blistering, delamination or premature failure of the coating.

A test piece should always be applied, and if any negative results are obtained, the surface should be allowed to weather for an additional 1 to 2 weeks.

Bituminous / Asphalt:

Bituminous/asphalt surfaces must be thoroughly swept prior to the application of a marking system to ensure the removal of all dirt, dust, and contaminants that could compromise the adhesion and performance of the marking system.

Concrete / Cement / Paving:

Surface components that impair adhesion, such as fine mortar layers, concrete slurries & curing compounds must be removed by suitable mechanical methods such as high-pressure cleaning, grinding or blast cleaning. All dust must be removed properly using an industrial vacuum cleaner.

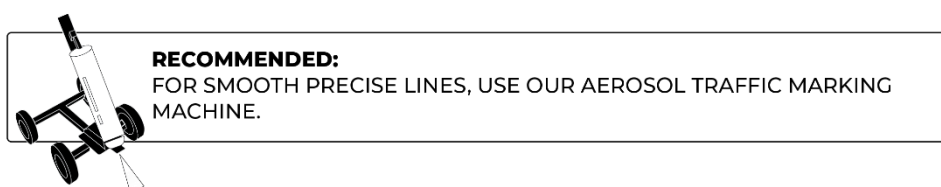
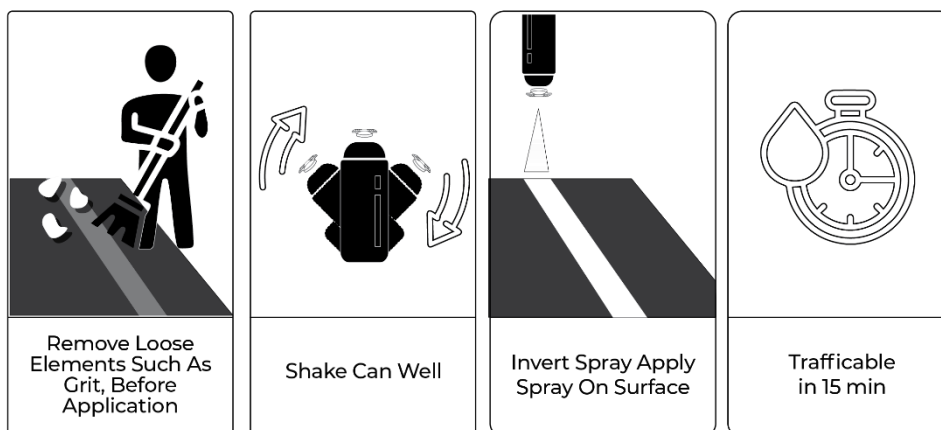
The moisture content (CM-method) of the concrete/cementitious subfloor must be: < 3 – 4 %, < 0.2% Anhydrite, < 2 – 4 % Magnesite before markings can be applied.

The mechanical strength of the subfloor should be: Compression Strength $\geq$ 25 MPa; Tensile Strength > 1.5 MPa. Resp. ASTM C39 & C1583. Ensure that the surface is completely wetted with primer to ensure optimal adhesion of the road paint. The consumption of the primer depends entirely on the porosity of the concrete. The primer should have sufficient time for the water/solvent to evaporate prior to final application of the road paint which is generally around 30 minutes @ 25°C. Generally, once the primed surface is no longer sticky to the touch it is ideal for the application of road paint.

AEROSOLS: AEROMARK®

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Application:



Application Environment		
	Ambient Temperature:	Relative Humidity:
Minimum	5°C	No lower limit
Maximum	45°C	85%

Systems:

Consult with Specialized Coating System for application specific recommendations.

Safety Information:

- Refer to product SDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.
- Apply in well-ventilated areas.