GEVEKO MARKINGS

Technical Datasheet
AquaRoute™ Primer

Description of product

Waterborne primary coat, for brush, pneumatic and airless spray application. The **AquaRoute™ Primer** is a transparent one-component water-dilutable and solvent free primer for applications up to 120 µm wet film thickness. It is designed for improved adhesion and reduced discoloring of waterborne road marking paints. **AquaRoute™ Primer** is free of toxic heavy metals, free of organic solvents and free of aromatic hydrocarbons.

Area of application

This primer is used as an intermediate layer in between the water borne paint and the road surface. This primer is recommended to increase adhesion especially for both bitumen and concrete surfaces.

Technical characteristics

Binding agent	Waterborne primer based on acrylic polymer dispersion
Colour	opaque liquid, clear after drying
Pigmentation	None
Density	1.05 ± 0.04 kg/l
Viscosity	8-18 seconds (DIN 53211, Ø 4mm)
Volume dry	41.3 %

Application properties

Viscosity	The Adhesive Primer is ready for processing when delivered.
Application process	This primer is used for concrete and bitumen surfaces. The surface has to be dry, clean and adhesive. It has to be free of dust, grease, oil, salt or other contaminations. When applied on special surfaces please contact us for detailed recommendations. **AquaRoute™ Primer** has to be stirred till homogeneous by use of a mechanical stirrer. Application can be done using a brush or a conventional road marking machine that utilizes a pneumatic or airless spray technique. The recommended nozzle type for airless application is 0.015 – 0.017 inch. For cleaning and thinning only use clear water. If needed the viscosity of the primer can be reduced by dilution with up to 10 % of water.
Air temperature	> + 10 °C
Surface temperature	+ 10 °C to + 50 °C
Max. relative humidity	85 % F_{rel}
Pass-over time	The lines can be passed-over after < 6 - 10 min. *Relative air humidity 60 % and air temperature 20°C. Higher temperatures may reduce the pass-over time.*
Rain safety	Approx. 10 min after the pass-over time has been reached.
Diluting agent	water
Consumption	~ 0.15 kg/m² to 0.20 kg/m² on fine structured concrete floors. Higher levels of consumption represent an unusually high capillary absorption capacity of the concrete, and suggest a faulty surface.

Storage stability

6 months, when kept in the original packaging under proper storage conditions.

Storage

Store in tightly closed original containers in a dry, well-ventilated room at temperatures between +10 °C and +30 °C, not directly on the floor and not in the vicinity of heating radiators.

Packaging

Metal bucket with 16.0kg net

Transport

Not a hazardous material with respect to transport regulations

Geveko Markings SAS
16-18-26 Rue du Bon Puits
49480 Verrières-en-Anjou • FRANCE
Phone: +33 2 41 21 14 10 Info@gevekomarkings.com
Fax: +33 2 41 21 14 18 www.geveko-markings.com