

TEKNOPARK 3085

Car park paint

TEKNOPARK 3085 is a fast drying, semi-matt, water-borne acrylic paint that is resistant to weather and light.



TEKNOPARK 3085 is intended for marking of parking spaces particularly in parking houses on concrete and asphalt surfaces. Can also be used for larger surfaces, e.g. for filling painting of the parking spaces. Also suitable for outdoor use.

TEKNOPARK 3085 is suitable especially for concrete surfaces. The paint dries quickly and is fit for light traffic after 1h and fit for car traffic after 12 h. The marking can easily be kept clean because of the semi-matt surface of the paint. Tinting the product with large amounts of tinting paste may affect on the drying time. The paint has good resistance to abrasion and to parking by hot tyres without the paint detaching from the substrate.

TECHNICAL DATA

Fields of application	Road markings
Recommended substrate	Asphalt, Concrete
Binder	Acrylate
Solids	Approx. 42% by volume
Total mass of solids	Approx. 670 g/l
Volatile organic compound (VOC)	Approx. 80 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Theoretical spreading rate	The theoretical spreading rate is 3 - 5 m ² /l when using the recommended film thicknesses. Surface porosity as well as overspray may reduce the spreading rate.
Film thickness	Recommended wet film thickness: 200 - 300 µm Corresponding recommended dry film thickness: 100 - 150 µm
Colours	White and yellow. White and yellow come up to the requirements for brightness and colour prescribed by the Finnish Transport Infrastructure Agency. In addition also base paints 1 and 3. Base paints can be tinted with tinting pastes, but the colour accuracy is not complete.
Tinting system	Teknomix
Gloss (60°)	Semi-matt
Thinner	Water.

Storage	<p>The storage stability is shown on the label. Store in a cool place and in tightly closed containers.</p> <p>Must not freeze.</p>
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DIRECTION FOR USE

Surface preparation	<p>The surface to be treated must be dry and clean. Loose matter that may weaken adhesion, such as sand, gravel, moss and other kind of growth, poorly adherent previous markings, oil and grease must always be carefully removed before applying the marking material.</p> <p>If the markings are applied on concrete surface, the casting must be at least 4 weeks old and well-hardened so that all moisture from casting is bound and the surface dry. The moisture of the concrete must not exceed 5% by weight.</p> <p>Dense laitance must be thoroughly removed before painting by scarifying, shot-blasting, surface grinding, etching or by some other appropriate method.</p> <p>The etching is done with RENSA ETCHING etching liquid or by diluted hydrochloric acid (1 part of concentrated acid to 4 parts of water). Rinse the concrete surface with water after etching and allow to dry.</p> <p>If the concrete surface has previously been treated with a water and dirt repellent coating, dust binder etc., it is particularly important to use a sufficiently effective surface preparation method such as scarifying, which is sufficient to break the adhesion-resistant coating and thus to ensure the best possible adhesion to the substrate. Marking on coated concrete without adequate surface preparation may cause markings to detach from the substrate.</p> <p>We recommend that the top layer of the concrete surfaces is always removed in order to ensure good adhesion.</p>
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Application method	Airless spraying, Conventional spraying
Application	<p>Stir thoroughly before use.</p> <p>The paint is suitable for airless spraying without dilution. For conventional sprays the paint can be thinned 5 - 10% with water.</p> <p>To achieve retro-reflectance, it is recommended that glass beads are strewn on the fresh paint coat.</p>

Application conditions	The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C Avoid application when the relative humidity of the air exceeds 75%, as this slows down the drying considerably.
Drying time	
- fit for light traffic	1 h
- fit for service	12 h
Cleaning	Water, TEKNOSOLV 9515.
	The painting equipment must be carefully cleaned if it has been used for applying other road marking paints, e.g. solvent-borne TEKNOROAD. Detailed cleaning instructions are given by Teknos. Always contact Teknos before using TEKNOPARK 3085 for the first time, in order to avoid failures and damages in application. Water, TEKNOSOLV 9515.

HEALTH AND SAFETY

Safety and precaution measures	See safety data sheet.
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