

TEKNOROAD 280

Road Marking Paint

PAINT TYPE	TEKNOROAD 280 Road Marking Paint is a fast-drying, matt acrylic paint that is resistant to weather and light.
USAGE	Used on concrete, asphalt and on oil gravel for marking of roads and related carriageways, parking places, air fields and other areas with traffic.
SPECIAL PROPERTIES	The paint is extremely fast-drying. When the temperature is above +20°C, traffic can be allowed on the painted surfaces after 5 minutes without causing damage to the paint. At lower temperatures the drying is slower, but even then it is fast enough for the paint to be used when the temperature is e.g. +5 - +10°C. Tinting the product with large amounts of tinting paste may affect on the drying time. The paint complies with the quality requirements for road marking paints prescribed by the Finnish Transport Agency.

TECHNICAL DATA	
Solids	53 ±2% by volume
Total mass of solids	abt. 1200 g/l
Volatile organic compound (VOC)	abt. 430 g/l
Recommended coat thickness and theoretical spreading rate	WET FILM THICKNESS: 400 µm CORRESPONDING DRY FILM THICKNESS: 230 µm The theoretical spreading rate is 2 - 3 m ² /l when using the recommended film thicknesses. Surface roughness and porosity as well as overspray may reduce the spreading rate.
Thinner, clean up	TEKNOSOLV 4039 or TEKNOSOLV 9514
Finish	Matt
Colours	White and yellow Both colours come up to the requirements for brightness and colour prescribed by the Finnish Transport Agency. In addition also black and alarm red and base paints 1, 2 and 3. Base paints can be tinted with tinting pastes, but the colour accuracy is not complete.
SAFETY MARKINGS	See Safety Data Sheet.

DIRECTION FOR USE**Surface preparation**

The surface to be painted must be dry and free from oil and grease. Prior to painting the surface must be cleaned from dust, sand, clay and all other loose matter that may weaken the adhesion of the paint to the surface.

Furthermore, when painting concrete surfaces, dense laitance must be thoroughly removed before painting by shot-blasting, surface grinding, etching or by some other appropriate method.

Etching is done with RENSA ETCHING etching liquid or with diluted hydrochloric acid (1 part acid to 4 parts water). Rinse the surface with water after etching and allow to dry.

We recommend that the top layer of the concrete surfaces is always removed in order to ensure good adhesion.

Application

Before use stir the paint thoroughly.

The paints are suitable for application by either low-pressure spray or airless spray.

To achieve retro-reflectance, it is recommended that glass beads are strewn on the fresh paint coat.

**ADDITIONAL
INFORMATION**

The storage stability is shown on the label. Store in a cool place and in tightly closed containers.

The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



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