

TECHNICAL DESCRIPTION

INDUSTRIAL PRODUCT

№ 656

1.07.2011

PAINT FOR HORIZONTAL ROAD MARKING *NORMAL W*

SHORT DESCRIPTION

Description:	Water-dilutable paint for asphalt and concrete coatings
Use:	<ul style="list-style-type: none">For horizontal marking on the national road network, parking, children's playgrounds with asphalt and concrete pavements. In compliance with the special requirements of road construction;
Properties:	<ul style="list-style-type: none">Environmentally friendly product;Conforms to BS EN 1871:2004 and BS EN 1436:2008Excellent performance, which provide very good conditions for traffic safety;High wear resistance;Good elasticity;
Drying Temperature:	At normal air temperature. Work in dry weather at temperatures from 5°C to 35°C.
Technical Specification:	TS-ORG-0223

PHYSICAL CHARACTERISTICS

Color:	Available in white and yellow.
Aspect:	Homogeneous, slightly thixotropic mass
KU viscosity at (23±0,5)°C: (ASTM D 562-81)	min 100
Non-volatile substances; (BS EN ISO 3251):	min 66%
Theoretical consumption:	350-500 g/m ² in dry film thickness approx. 180-220 µm.
Density (BSEN ISO 2811-1):	1,40 -1,50 g/cm ³
The maximum VOC content for this product (cat.: A/i) is 140 g/l	

CHARACTERISTICS OF COATING

Surface drying:	20 min
Complete drying time (23 ± 2) ° C in a 30 min dry film thickness of 45-60 µm: (BS EN 29117)	
Drying at an operating thickness:	When operating dry coating thickness of 180-220 µm, depending on ambient temperature to dry for 60-90 min.
Wearing of the film with sand in a dry 0,30 kg/µm (at min 0,08 kg/µm under BS 14120-77) film thickness of 60 µm:	

(BS 14120-77)	
Slip resistance: (EN 1436)	45, class S 1, SRT units
Procedure:	Open the package carefully and mix well. Work at temperatures above 5°C of air and max 30°C of surface. In hot sunny days (at temperatures above 25 °C, respectively, over 35 °C on asphalt surface) lay out in the morning (until 11:00 h.), late afternoon (after 18 h.) or at night, particularly in relatively fresh asphalt.
Dilution:	Apply undiluted, in case of absolute necessity dilute to 3% with water.
Application method:	Road marking equipment, brush, roller
Suitable substrates:	Asphalt and concrete surfaces
Substrate Preparation:	<ul style="list-style-type: none"> • Clean mud and dust; • Remove oily stains with Deko Professional BAT Thinner / AMB;
Coat thickness:	The thickness of dry coating should be 180-220 microns, which is achieved with 300-420 microns wet film. Consumption is 350-500 g/m ² . In this wet film thickness a layer of Retro-reflecting beads can be applied.
Safety precautions:	Paint for horizontal road marking <i>NORMAL W</i> is classified as harmless product. If necessary - refer to the MSDS..
Packing:	Plastic containers with net weight of 25 kg.
Storage:	Storage temperature, from 5 to 30°C. Store in original, tightly closed packages in covered and dry warehouses, away from direct sunlight and heating appliances! Keep out of reach of children!
Shelf life:	12 months from date of manufacture in factory sealed packaging

RECOMMENDED SYSTEMS FOR APPLICATION:

Substrate	System	Coats	Обща дебелина на сухия филм	Време за нанасяне на следващ слой
Asphalt and concrete	<u>I system</u> Paint for horizontal road marking <i>NORMAL W</i>	I coat	180-220 microns	---

