



FOR INDUSTRIAL USE ONLY

RECOMMENDED APPLICATIONS:

START LINER due to its increased roughness is used for road marking on commercial and military airports as well as city streets. It is especially suitable for use on road surfaces where marking roughness is needed e.g. on pedestrian crossings. The paint can be used with or without micro beads. Surfaces shouldn't be sanded smooth, not impregnated and no additives resins.

SYMBOL:

- 238424 – white – 32 kg metal buckets
238435 – yellow – 30 kg metal buckets
268487 – red – 30 kg metal buckets
279723 – green – 30 kg metal buckets
354115 – black – 30 kg metal buckets

CERTYFICATES:

IBDiM technical approval No. AT/2007-03-0077/1

PRODUCT DESCRIPTION:

START LINER white acrylic solvent borne paint for road marking is a suspension of pigments and fillers immersed in a solution of acrylic resin and organic solvents with additives. Start Liner is available in the following colours: white, yellow, red, green, black.

APPLICATION INSTRUCTIONS:

The marking can be applied with all kinds of application machines (pneumatic and hydrodynamic application machines).

START LINER HS is to be applied onto dry and clean asphalt or concrete substrates. Due to the risk of yellowing of the paint it is not recommended to apply it on pitch type substrates. Before application, the contents of the packaging have to be carefully stirred to obtain a uniform consistency. The viscosity the marking comes in needs not be modified. Only if the viscosity of the paint rises significantly due to e.g. a low ambient temperature (5-10°C) can it be thinned using a small amount of WPZ 11 solvent at a volume of 2% w/w. Using excessive amounts of the thinner is unacceptable as it causes a deterioration of the coating quality. The marking is to be applied at a temperature range of 5-35°C for both the air and substrate and at a relative humidity of the air not exceeding 80%. The paint cannot be applied in conditions of fog or dew. To give the paint reflective properties, glass micro beads have to applied no later than 3 seconds after paint application. The micro beads should be applied mechanically in such a way that the beads are immersed sufficiently enough in the applied paint. The beads cannot be applied by hand. 250-300 g of beads should be applied on each square meter. The recommended glass bead types: 100 – 600 µm or 125-630 µm.

COVERAGE:

On good substrates, proper marking parameters can be obtained using 600g of the marking for every m². Most commonly, the consumption comes to 600g to 800g for every m².

FUNCTIONAL PARAMETERS:

General technical information:

Table with 2 columns: Parameter and Value. Rows include Density at 20°C (1,55 – 1,65 g/cm³), Viscosity at 20°C (78 – 88 [KU]), and Solid contents (75 – 79 [%]).



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**CURING TIME:**

In close to optimal conditions i.e. at an ambient temperature of about 20°C and substrate temperature of 25°C, using 700 g/m<sup>2</sup> of the marking and with an air humidity of below 80%, the drying time required before traffic can be resumed is 25 minutes. The drying time can extend in lower temperatures and different humidity or if more of the paint is applied.

**GUARANTEE PERIOD:**

12 months from the production date if stored in its original packaging not and exposed to direct sunlight.

**H&S INFORMATION:**

The paint is highly flammable and contains hazardous volatile solvents, that is why during application general H&S and fire safety regulations have to be followed . In particular it is forbidden to smoke cigarettes or consume food during application. The paint has to be stored in tightly sealed packaging, away from any sources of fire, heat and direct sunlight exposure. For more detailed information refer to the Material Safety Data Sheet.

The technical data presented in this bulletin is based upon information believed by PPG to be currently accurate. However, no guarantees of accuracy, comprehensiveness, or performance are given or implied. Continuous improvements in coatings technology may cause future technical data to vary from what is in this bulletin. Contact your PPG representative for the most up-to-date information.

PPG Polifarb Cieszyn S.A. Cieszyn, POLAND Tel: +48 33 851 71 00 Fax: +48 33 852 24 93	PPG Coatings Deutschland GmbH Bochum, GERMANY Tel: +49 234 8690	PPG Industries France S.A Saultain, FRANCE Tel: +33 3 27 14 97 00 Fax: +33 3 27 14 98 94	PPG Industries Italia Spa Quattordio, ITALY Tel: +39 131 7701 Fax: +39 131 773 753	PPG Industries Sales, inc Istanbul, TURKEY Tel: +90 212 286 2150 Fax: +90 212 286 21 59
PPG Industrial Coatings B.V. Veenendaal, NETHERLANDS Tel.: +31 318 567 800	PPG Iberica S.A Rubi (Barcelona), SPAIN Tel: +34 93 586 7429 Fax: +34 93 586 7430	PPG Dr. A. Schoch AG (Ltd.) Burgdorf, SWITZERLAND Tel : +41 421 42 42 Fax: +41 421 42 99	PPG Industries (UK) Ltd Birmingham, UK Tel.: +44 121 423 7345 Fax: +44 121 423 7303	

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