

# Technical Data Sheet

## Kronalux Marking Paint HS 750

### High Solid Marking Paint with BASt certificate

#### Material description

<b>Type of material:</b>	High Solid road marking paint with BASt certificate: 2001 DS 07.09 (400 µm) Certificate of the German Federal Agency for Roads and Highways (BASt) - for white colour
<b>Additives:</b>	Reflective beads "Kronalux Nachstreumittel 759" (Potters PP Mix)
<b>Use:</b>	For road markings on public streets together with "Kronalux Nachstreumittel 759" on concrete and asphalt; for ex. on highways, freeways and city streets, parkings; for dividing lines and road-edge markings. For special use on airport runways where strong light reflection is needed.
<b>Attributes:</b>	Due to fast drying properties (T2) traffic can roll again quickly after application. Very good wear resistance (class P5). Kronalux Marking Paint HS 750 forms elastic films up to a wet film thickness of 600µm. It offers a very good adhesion to the glass beads. Very good light reflection at night (class R4 - tested: 332 mcd after 1 million over-rolls at 100% durability). Kronalux marking paint HS 750 was developed to comply with the specifications of the German Federal Agency for Roads and Highways (Bundesanstalt für Straßenwesen or BASt). It was tested by the BASt and can be used on all public roads in Germany.
<b>Colours:</b>	<b>Order-No.:</b> 750-.... <b>Colour:</b> White RAL 9010 Yellow RAL 1023 approx. BASt-Nr.: 2001 DS 07.09 (400µm) Colour shade may vary slightly due to the use of glass beads.
<b>Density:</b>	approx. 1,54 g/cm <sup>3</sup>
<b>Dilution:</b>	-
<b>Packing:</b>	6 x 750 ml, 6 x 2,5 liters, 10 liters container large drum (28 ltr. = 37 kg only colour white) additives: 1 kg. Net weight, 5 kg. Net weight, 25 kg. Net weight
<b>Storage:</b>	Store in a cool, dry place in the properly sealed original drum. Official regulations must be complied with.

#### Application instructions

<b>Preparation substrate:</b>	The substrate has to be clean, dry and free from dust. If necessary do appropriate cleaning. Caution: Overcoating of existing markings that are based on thermoplastics or alkyd resins can lead to problems of adhesion. It is advised to do preliminary tests.
<b>Coating procedure:</b>	Kronalux Marking Paint HS 750 can be applied trouble-free at an air temperature of + 5°C up to +40°C.  Kronalux Marking Paint HS 750 can be used with all standard machines. (airless / pneumatic)  Kronalux Marking Paint HS 750 is supplied "ready to use". Stir well before use. Any application by brush or roller should be performed quickly due to the fast drying properties. In case of problems use appropriate thinner.  All test results (BASt) can be achieved only by respecting the wet film thickness as well as the correct application of the glass beads as indicated in the certificate. Manual application can lead to different results.
<b>Reflective Marking:</b>	Immediately after the spray application the glass beads (Kronalux Nachstreumittel 759) shall be strewn into the wet paint. (One should calculate 285 g/m <sup>2</sup> of glass beads to be used at a wet film thickness of 400µm) .

**Ambient conditions:** During the entire application and drying period the temperature of the material, the substrate and the ambient air should not be lower than 1°C and not exceed 60°C. Air humidity should remain below 90% (relative humidity).

**Tool cleaning:** With nitro thinner.

#### Declaration

**Waste Code (EAK):** 080111 **Product code:** does not apply

**Waste disposal:** Only barrels emptied of all remains to be used for recycling. Hardened remains can be disposed with usual waste. Fluid paint waste must be disposed via dangerous substance collection points or authorised waste disposal enterprises.

**Other:** The accident prevention regulations of BG Chemie (German chemical industry accident insurance fund) "Processing coating materials" (*Verarbeitung von Beschichtungsstoffen*) (VBG 23), the "Solvents" (Lösemittel) leaflet (M 017) and the "Technical Regulations for Hazardous Substances" (*Technische Regeln für Gefahrstoffe*, TRGS) 507 are to be complied with.

Food is to be removed from affected areas during application and drying times.  
For further information refer to EC Safety Data Sheets.

#### Application advice

Application method	Airless	brush / roller	High pressure spraying	Low pressure spraying
Dilution	as required	as required	as required	as required
Viscosity DIN 6mm	30-40	30-40	30-40	30-40
Nozzle [mm]	0,58	-	2,5-3	Slot nozzle 45 / 3,0
Spray pressure [bar]	ca.150	-	3-5	3-5

<b>Drying *</b> (20°C / 65% r.F.)	<b>Dust dry</b> approx. 7 min.	<b>passable</b> approx. 13 min.
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<b>Spread rate</b> m <sup>2</sup> / ltr.	<b>brush / roller</b> 2-3 m <sup>2</sup> / ltr.
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\*for 400µm wet film thickness at 20°C and 65-75% relative air humidity

#### Special note

For industry markings in the inside area Kronalux Marking Paint HS 750 is not suitable. Therefore use Kronalux Marking Paint 752 (see Technical Data Sheet of Kronalux Marking Paint 752).

We have provided written recommendations on the application of our product with a view to assisting the user. They are based on our practical experience, and to our best knowledge are state-of-the-art. These recommendations are not binding; nor are they indicative of a contractual relationship of any kind or of any ancillary obligation arising from the purchasing agreement. They do not release the purchaser from assuming responsibility for testing products in relation to their intended use. In other respects our General Conditions of Business shall apply.

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