TECHNICAL DATA SHEET

NILA®-Plast PRO 125/II RMD 2.0-R (P7)

Layable, structured hot plastic compound for type II markings, traffic class P7

Uses

NILA®- Plast PRO 125 / II RMD has been specially designed to produce baseline markings. This reflective marking material is suitable for creating markings on all types of asphalt road surfaces, such as roads, motorways and airports as a regular agglomerate with improved night visibility in wet weather conditions. NILA®- Plast PRO 125 / II RMD is applied to surfaces at temperatures of between 200 and 220 degrees Celsius as regular agglomerates (multi-dot-lines) with round dots which have a diameter of approx. 3 to 4 mm in thicknesses of between 3 to 4 mm using a self-propelled laying machine with special markers.

Standards: DIN EN 1436, EN 13197

Properties

- layable hot plastic compound for type II markings
- base line with regular agglomerates (multi-dot-line)
- improved night visibility in wet weather conditions
- premium marking material with stone dust, sand and glass beads
- high softening point and resistance to deformation, low abrasion
- good grip with excellent adhesion and easy to use

Application instructions

Application

NILA®-Plast PRO 125/II RMD is applicable at temperatures from 200 to 220 °C as regular agglomerate (multi-dot-line) with round dots approx. 3 to 4 cm diameter in a layer thickness of 3 to 4 mm onlaid. During application 450 g/m² drop-on material WEISSKER DUOLUX® 135 H 1 (180–850 µm) 1:0 must be dropped on to the thermoplastic immediately to reach the required night-time visibility. A special application unit in one step forms the type II regular agglomerate. The thickness of the agglomerates is 3 to 4 mm. The diameter of the agglomerates is approx. 30 to 40 mm; the amount is approx. 750 to 800 per m². The road surface must be dry, clean, and free of dust and oil. In spring and autumn the relative humidity of the air (dew point) must be considered. If the minimum layer temperature is below +5 °C, the road surface must be warmed before application.

Material consumption

With regular agglomerates: approx. 4.5 kg/m². Width-based: 10 cm → 450 kg/1,000 m; 12 cm → 540 kg/1,000 m; 15 cm → 675 kg/1,000 m.

Storage

Shelf life of block material is unlimited. Shelf life of powder material is one year.

Form of supply

Flat carton (block goods): 25 kg (40 per pallet). Polyethylene bag (powder goods): 20 kg (42 per pallet).

Technical data

Base	Hydrocarbon resin, quartz sand, extender
Solvent	Solvent-free
Colour	White
Necessary working operations	agglomerate onlaid and drop-on
Specific gravity	approx. 2.03 g/cm³
Softening point Wilhelmi	approx. 101 °C
Nüssel deformation	approx. 1.0
Skid resistance	≥ 45 SRT-units
Wear resistance (BASt, 4M roll-overs)	≥ 90% (class P7, EN 13197)

www.biguma.lt | info@biguma.lt