

BPB[®] Road marking SIGNAL YELLOW

One-component high-solid road marking paint on acrylate resin basis

Industrial use

Product No.: 340541000 ! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !

Product No. until 2023: 349031008

Product Information:

Properties:

- low-solvent, aromatics-free
- for road markings and road guidance
- work sites, car park and kerbstone markings
- high wear resistance (class P5)
- fast drying (T3)

Application:

For bituminous substrates and concrete ceilings

The thin-layer marking material with excellent technical properties and good drying characteristics even at higher wet film thicknesses can be processed with all currently available application machines. The marking paint is generally ready for use as delivered. If necessary, approx. 2 % thinner can be added to optimise the spray pattern or in case of high air temperatures > 25 °C. Surface components that interfere with adhesion, such as fine mortar layers/concrete slurries or retarders sprayed onto new concrete slabs, must be removed by suitable methods (e.g. high pressure water, fine milling, etc.).

Adhesion problems can occur with new exposed aggregate concrete road surfaces (with grit surface).

When applying to concrete or cement-based substrates (also interlocking paving stones), bubbles may form. In this case, mix the marking paint 1:1 with thinner and pre-spray as primer (approx. 200 µm).

The marking paint is not suitable for indoor and synthetic resin floors.

Apply mechanically with commercially available marking machines (airless or atomising technique) manually with a hand spray gun, brush or roller.

The substrate must be dry, clean, free of dust, oil, grease, loose components and other impurities and must be tested for load-bearing capacity and compatibility with the marking material to be applied.

In case of doubt, trial markings/adhesion tests must be carried out. On new bituminous or concrete surfaces, the adhesion should be tested in advance.

Marking paint is not suitable for large-area coatings (e.g. playgrounds, sports fields, cycle paths, etc.) on asphalt.

Quantities to use:

0.6 kg/m²

for 400 µm layer thickness wet film

Do not use as asphalt paint over large areas, as stress cracks may occur.

A prior adhesion test (pre-test) is recommended for each application.

Specifications:

Appearance:	pasty
Colour:	SIGNAL YELLOW
Density:	1.48 ± 0.03 g/ml
Solid matter:	min. 75 %
Solvent content:	max. 25 %.

Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 6 months

Protect from frost, direct sunlight and contamination.

Transfer material residues from opened containers into correspondingly smaller containers; low air content in the bucket necessary.

Stir well before use.

Packaging:

Please ask for package sizes.

Safety Rules:

See EC safety data sheet.

The product should only be used with suitable protective gloves (EN 374) and safety goggles (EN 166).

When used, ensure good ventilation (5 to 15 air exchange per hour) or use exhaust device.

Do not breathe spray.

Assistance:

Please contact our Technical Application Centre.

Industrial use:

Recommended frequency and duration of use:

8 hours/day

200 days/year

Environmental Exposure:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or the sewage system.