



Technical data sheet

Bascodur HM marking paint, all colors

Number:	48-BD-HM	48-1500-114	white	48-5500-154	blue
		48-2500-124	yellow	48-6500-165	green
		48-3500-134	red	48-9500-194	black
		other color hues on request			
		19-0220-000	standard curing agent, colorless		
		19-0430-000	hardener elastifying, colorless		

Characteristic: Solvent based 2C paint on polyurethane basis. For highest requirements to mechanical and chemical resistance. High adhesion and low liability to dirt.

Field of application: 2C marking paint for industrial floors, parking decks, storage buildings etc. Markings on flexible flooring for sport pitches with elastifying hardener (19-0430-000).

In accordance with the General Conditions of Sale and Delivery, the responsibility of Basler Lacke AG is limited and partially excluded (reference is made to www.basler-lacke.ch). They form an integral part of each supply. In addition, responsibility is declined within the legal limits for any damages resulting of a product being not appropriate for a certain application.

We do neither assure nor guarantee the suitability of the products for a certain applicability or a certain type of processing. In either case, the buyer has to do preliminary suitability tests in accordance with his operating conditions.

Technical information:	Binder:	Polyurethane
	Density:	1.33 g/cm ³ approx. (depending on colour)
	Processing viscosity:	about 18-20 s DIN6 Please note: Do not dilute any more after the beginning of the pot-life!
	Non-volatile content:	about 65 % (depending on color hue)
	VOC content:	approx. 35 %
	Mixing ratio:	100:20 with 19-0220-000
	Pot life:	approx. 2.5 hour(s) at 23°C

Processing requirements: The air-temperature must not fall below 5°C. The relative air humidity must not pass over 75 %. The surface temperature has to be at least 3°C above the dew point but it must not pass over 40°C.

Before processing:

Stir up well the master batch and add the hardener by the required mixing ratio. Then stir carefully, most suitable by using a mechanical agitator.

Application:

Spray application by air spraying- or airless system. Manual application is possible with roller or brush. For increasing the skid resistance approx. 15 - 20 % of quarry sand may be mixed in or interspersed in the undercoating as a double layer composition. (40P-036, grain size 0.1-0.5 mm)

Please note the short pot-life! (depending on temperature)

When interrupting or completing the marking, immediately clean the machine parts having been in contact with mixing material. (Cleaning agent: thinner S 18-0410-000).



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Types of marking:	Recommended wet film thickness:					
		Wet film thickness		Application quantity		Dry film thickness
	min.	250 µm	=	300 g/m ²	=	100 µm
	max.	350 µm	=	450 g/m ²	=	150 µm

These recommended specifications depend on the colour.

Substrate condition:	All surfaces have to be sustainable, dry and free of dust, oil and grease.
	Suitable surfaces: Concrete, resin-bonded concrete-floors, resin-bonded floors and sealings based on epoxy or polyurethane.
	As for critical or unknown surfaces, previous adhesive tests are recommended.

General information:	Tack-free time:	walkable after 4 hours trafficable after 16 hours full mechanical load capacity after 72 hours
	Standard cans:	4 kg / 16 kg (standard color hues) 0,8 kg / 3,2 kg (hardener) 40 kg (quarry sand)
	Accessories:	18-0410-000 thinner S for cleaning and rinsing, resp. regulation of viscosity 40-P-036 quarry sand white 0.1-0.5mm for sprinkling

Labelling:	Flash point:	28 °C
	Classification haz. material RID/ADR:	no dangerous good / (UN n.a.)
	Packing group:	n.a.
	Disposal:	In accordance with national legal regulations

Storage:	6 month from delivery date at + 10°C - + 25° C in originally sealed containers. Protect the containers from solar radiation!!
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