



## Technical data sheet

### Signalin M66 2C marking paint, all colors

<b>Number:</b>	41-....-M66	41-1660-310	white	41-3660-330	red
		41-2660-320	yellow	41-5660-350	sky blue
		41-2760-320	orange	41-9660-390	black
				for road works	

other hues on request

**Characteristic:** Solvent based 2-component paint on the basis of epoxy modified acrylic resins. It is characterised by an excellent sprayability as well as by an extended processing period. In comparison to 1-component road marking paints, Signalin M66 displays significantly higher resistivity, adhesive power and durability.

**Field of application:** For new and maintenance outdoor markings (roads, airports, car parks etc.) and for underground parking and parking decks.

**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.

<b>Technical information:</b>	<b>Binder:</b>	Epoxy modified acrylic resins
	<b>Density:</b>	1.61 g/cm <sup>3</sup> white 1.55 g/cm <sup>3</sup> yellow
	<b>Supplying viscosity:</b>	22 - 28 s DIN6
	<b>Non-volatile content:</b>	Weight approx. 79 % (depending on the colour hue) Volume approx. 59 % (depending on the colour hue)
	<b>VOC content:</b>	approx. 25 %
	<b>Mixing ratio:</b>	100:10 with 19-0180-000
	<b>Pot life:</b>	Approx. 2-3 days (depending on the temperature)

**Processing requirements:** The air temperature as well as the surface 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 must not pass over 45°C.

Before application, stir paint thoroughly.

Stir in the curing agent in the indicated mixing ratio by means of an agitator. Depending on the temperature, the pre-mixed paint may be processed up to a maximum of 3 days.

Mechanical or manual application is possible.

Application by marking machines (airless or air)

The target value for the processing viscosity is:

Low pressure 15-18s DIN 6, thinner S 18-0410-000

Airless 20-25s DIN 6, thinner S 18-0410-000

**Please note:**

**After application, clean the tools thoroughly with thinner S 18 -0410-000.**



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### Types of marking:

	Material	Glassbeads	Article
Type I new marking	600 g/m <sup>2</sup>	300 g/m <sup>2</sup>	40-P-052/40-P-041
Type I maintenance	400 g/m <sup>2</sup>	250 g/m <sup>2</sup>	40-P-052/40-P-041
Type II new marking	720 g/m <sup>2</sup>	480 g/m <sup>2</sup>	40-P-047

or comparable types of glassbeads from other suppliers

Recommended wet film thickness:

	Wet film thickness	=	Application quantity	=	Dry film thickness
min.	250 µm	=	370 g/m <sup>2</sup>	=	140 µm
max.	500 µm	=	730 g/m <sup>2</sup>	=	280 µm

These recommended specifications depend on the colour.

### Substrate condition:

All surfaces have to be sustainable, dry and free of dust, oil and grease. A direct application on bituminous coatings and concrete is possible. Components of the surface which minimise the adhesion have to be removed from new markings. The application on new coatings shall be done 4 weeks after opening the road at the earliest (exception: temporary marking so that the road can be opened). On bad compressed surfaces, on old asphalt with less content of bitumen and on defective old markings, a pre-treatment shall be done (by milling or grit blasting). To mark in- and outdoor substrates whose surfaces are modified or sealed (e.g. underground parking and parking decks), we recommend to use Signalin M 66.

For a more exceeding demand re adhesion resistance and chemical resistance as well, we recommend our marking product **Bascodur HM** (2-component, PU).

**For critical or unfamiliar surfaces, we recommend to do a check of adhesion first.**

### General information:

Curing time:	Drivable in a straight line after about 20 min Walkable after 60 min Mechanical load after 12 hours Final curing after about 72 hours Drying time and final curing depend on film thickness and temperature
Approval:	Germany several BAST (type I) Spanien several (type II)
<b>All approvals see <a href="http://www.basler-lacke.ch">www.basler-lacke.ch</a></b>	
Standard containers:	5 / 22,5 kg paint 0,5 / 2,25 kg curing agent
Accessories:	18-0410-000 thinner S 40-P-052 Sovitec Echostar 10 BCP 40-P-041 Sovitec Echostar 10 BCP SRT 40-P-047 Sovitec Echostar 20 BCP SRT

### Labelling:

Flash point:	-3 °C
Classification haz. material RID/ADR:	3 (UN 1263)
Packing group:	III
Disposal:	In accordance with national legal regulations



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New Ways in Surface Coating

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**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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