

TECHNICAL DATA SHEET

Date of issue: 18/10/2016

Last updating: n.3 02/12/2019



SIRO S.r.l.

Via Meucci, 5 - Z.I. Selve
35037 Teolo - Padova
Tel. 049.990.11.22
Fax 049.990.15.36
e-mail: vendite@siropaints.com
www.siropaints.com

Name:	BASECOAT	Category:	Base coat
Definition:	1K intermediate coat	V.O.C. ready to use:	800 g/l
Code:	47.5	Product outside the uses referred to	2004/42/CE

NATURE OF THE PRODUCT

One pack base coat to be used with the leveler 047.000 that predilutes tinters. It is fit for the realisation of base coats in metallic and solid colours for double coat painting cycles.

GENERAL USES

Car refinishing, truck refinishing, cycle and motorcycle, furniture, electrical appliances.

PREPARATION OF SURFACES

The cleaning of the application surface should be painstaking and it is a fundamental condition to obtain a positive result of the painting cycle. This means that presence of grease, oils, rust and calamine on the surfaces is absolutely not allowed.

The preparation of the surface depends on the kind of primer used. The product must always be applied on a 2K primer like our acrylic primers Basic 2 and Basic 0 or our epoxy primer Epofix (series 29.3) or, for water base primer, the epoxy primer 29W5.R7035.

PREPARATION OF THE PRODUCT

Colours realised by using this product has to be prepared following an accurate order of the ingredients. First measure out the leveler 047.000 and then the necessary tinters to obtain the colour. Carefully mix by hand or by mechanical stirrer at minimum number of revolutions until an even colour and consistency are obtained. At this point, add the base coat binder 47.5.K2 and carefully mix until an even colour and consistency are obtained. Dilute at 80-100% with our acrylic thinner 07.093 and then apply the product.

APPLICATION

Spray gun HPLV: nozzles of 1,2-1,4 mm diameter and 1.8-2.5 atm pressure.

Electrostatic gun: suitable

TECHNICAL DATA

PRODUCT TYPE:	One pack	
APPEARANCE (ASTM D 523):	Semimatt (50±10 gloss).	
COLOURS:	By request (with the tinting system tinters at the ratio 20/20/60 leveler/tinters/binder 47.5.K2)	
SPECIFIC WEIGHT (ISO 2811):	0.92 ± 0.05 kg/l	
SUPPLY VISCOSITY(DIN 53211) :	13" ± 3" Ford 8	
SOLID ON VOLUME:	18 % (± 2%)	
SOLIDS CONTENT:	17 % (± 2%)	
DRYING AT 20°C	- Dust dry:	3-5 minutes
	- Touch dry:	5-10 minutes
	- Total hardening :	15 minutes
	- Forced drying	5 minutes at 60°C

TECHNICAL DATA SHEET

Date of issue: 18/10/2016

Last updating: n.3 02/12/2019



SIRO S.r.l.

Via Meucci, 5 - Z.I. Selve
35037 Teolo - Padova
Tel. 049.990.11.22
Fax 049.990.15.36
e-mail: vendite@siropaints.com
www.siropaints.com

Name: BASECOAT

Definition: 1K intermediate coat

Code: 47.5

Category: Base coat

V.O.C. ready to use: 800 g/l

Product outside the uses referred to
2004/42/CE

RECOMMENDED COATS: From two to four coats, according to the coverage level of the colour

THICKNESS ¹: 20-25 µm

THEORETIC YIELD ²: 12 m²/kg

ADHESION (ASTM D 3359): B=5 on surfaces treated like above reported

TEST QUV-Panel (ASTM D 4587): By adding 1.5% of anti UV additive 03.007: DE < 3 after 1500 hours (even the clear coat applied on the base coat has to be provided with anti UV additive)

REPAINTING: It can be overcoated with the clears of the 60.1 or 61.1 series usually after 15 minutes or within 2 hours. However, it can be overcoated even after longer times (within a week), taking care to protect the surface in this period from dust, condensation or other substances that may deposit and compromise the wettability and adhesion of the topcoat.

STORAGE STABILITY: 12 months, stored in closed packs, in a cool, dry place, away from any sources of heat.

¹ Considering a dry film.

² The theoretical yield has been calculated for the thickness suggested and over plane and regular surfaces.