

INDUSTRIAL PAINT

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Styrene modified alkyd resin based, fast-drying, semi-gloss industrial paint.

PRODUCT FEATURES

- Fast drying
- Elastic
- Good adhesion to metal surfaces
- Excellent coverage by one coat
- Weatherproof

RECOMMENDED FOR

- All kinds of machine parts.
- Agriculture, home and garden tools.
- On surfaces such as tractor, trailer, compressor, transformer, car radiator parts.
- Drums, valves, steel cabinets and tables.

TECHNICIAL SPECIFICATIONS

		Standard
Resin Type	Styrene modified alkyd resin	-
Color	See color catalog.	-
Brightness	semi-matt	-
Solids (wt%)	66 ± 2	ASTM D-1353
Solids (% by volume)	48 ± 2	ASTM D-6093
Viscosity (25 ° C, Ku)	95 -100	ISO 2431
Density (g / ml)	1.35	ASTM D-1475

** Specified solids, viscosity and density values may vary depending on the color.*

Drying time

Dust Drying	20-30	min
Touch dry	2-3	hour
Full Dry	24	hour
Chemical Curing	5	day

** The specified drying time; [lt] is available in 23 C ambient temperature and 50 ± 2% relative humidity conditions.*

SURFACE

Metal Surfaces **Old Painted Surfaces**	Before applying the surface of dust, rust, clean off any dirt and oils. The surface must be dry. Applied only on undamaged and appropriate primers.

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APPLICATION

Application Temperature	: min +5 °C / max + 40 °C

Recommended Film Thickness

Wet Film Thickness (micron)	: 120-140
Dry Film Thickness (micron)	: 50-60
Consumption (m^2 / L)	: 6-7
Consumption (m^2 / kg)	: 4-5

Does not include the loss of material.

Application should not be done around dew point. Application area should be well ventilated for proper drying. Moisture content of the surface should not exceed 4%.

Mixing Ratio

	By Volume	By Weight
MİKRON INDUSTRIAL THINNER	30-40 %	20-30%

Application Equipment

Brush	Small areas and can be used in shorthand.
Air (Airmix) Spray	
Airless Spray	

15 MPa nozzle pressure, 0.38 - 0.53 mm nozzle diameter and 40-80° spray angle is recommended for airless spray.
Directly applied in two layers on the metal or primed surfaces. The second coat should be done after 1 hour of the application of the first coat or after completing the chemical drying. If the application is done before the chemical drying, it causes wrinkling of the paint film.

STORAGE and PACKAGING

Packaging	17 KG
Storage Conditions	It should be stored in a cool and dry place.
Shelf life	1 year

HEALTH AND SAFETY INFORMATION

Refer to the instructions specified in the harmfulness and precautionary statements on the product packaging.
Product of the safety data sheet should be treated by the rules.
Refer to the nearest health facility for unexpected health problems.

LEGAL NOTES

All the information and guidelines given in this technical bulletin was formed and developed through the experience in the laboratories of AYDINLI Paint, and was systematically collected by our field engineers. “AYDINLI Paint" has the right to make changes in the product where necessary, without notice. The information given above is valid for the product from the date of publication. It is the user's responsibility to verify the accuracy of the information. The product should be used based on the technical information form for the recommended purpose. It is the responsibility of the users to implement all measures for the fulfillment of the specified requirements.
The data in the technical information form is designed to give descriptions of the product performance, under specific test conditions. An important factor in product performance is the variables that may occur in the initial process which should be used as a general guide to the user. Any unauthorized use of this product not covered in the written guidelines, AYDINLI Paint will not be held legally responsible.
It is always the responsibility of the user to take all necessary precautions regarding specific requirements of the law set out in local and national legislation. Follow the rules of the safety information provided in the Safety Data Sheet regarding operating procedure of the product, protective equipment, storage, fire and first aid etc. Conditions regarding the use of this product after its end date has no warranty. We cannot accept responsibility for products past their expiry date. Responsibility cannot be accepted.

Please contact the Technical Service department for more detailed information about the product.