

Technical Data Sheet

434W90000

WATER-BASED MATT ACRYLIC ENAMEL



1000 g +
50 - 200 g



Ø 1.5 - 1.9 mm
3 - 3,5 Atm
No. of coats 2



Flash-off 20' - 30' at 25°C
Hardening 8 - 12 hours at 25°C
Hardening 30' - 40' at 60-70°C



Not resistant to frost

PRODUCT DESCRIPTION:

One-component thixotropic water-dilutable enamel made of acrylic resins.

END USES:

Product for general use, metalworking, metal furniture, interior furnishings, objects and products for indoor use.

SUBSTRATE PRE-TREATMENT:

Ferrous surfaces: SA2 sandblasting or thorough mechanical cleaning followed by washing with solvent. If the substrate is cleaned with aqueous-based detergent solutions, it is recommended to rinse to avoid that any traces of surfactants affect the adhesion as well as the protective and anti-corrosive properties of the dried film. Apply a coat of two-component epoxy primer of the **193W** series or one-component primer of the **494W** series.

Plastic materials: (ABS rigid PS PVC) remove any contaminating substance from the surface as a release agent or various pollutants by means of suitable washing processes. Apply one or two coats of the **394W10190** primer.

PREPARATION OF THE PRODUCT:

Mix thoroughly until uniform colour and consistency. Dilute, depending on the system and application conditions, from 5% to 20% by weight with demineralised water up to the desired viscosity.

Applicable with conventional airbrush, mixed air low-pressure and airless high-pressure systems.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: One-component	
FILM ASPECT	: MATT 5±1 gloss at 60°	
COLOURS	: White	
DENSITY	: 1,28 kg/l (± 0,05)	
PACKAGING VISCOSITY	: Thixotropic	
CURING TIME	: - <i>Dust free</i>	: 10 - 15 at 25°C
	- <i>Touch dry</i>	: 1 - 2 hours at 25°C
	- <i>Total hardening</i>	: after about 8 - 12 hours at 25°C
	- <i>Forced drying</i>	: 30' - 40' at 60°C - 70°C
RECOMMENDED LAYERS	: Two coats	
RECOMMENDED THICKNESS	: 40 - 60 MICRON	
THEORETICAL YIELD (50mic. dry)	: 5 - 6 m ² /kg	

SAFETY STANDARDS:

Read and carefully follow the instructions on the label and in the safety data sheet.

STORAGE CONDITIONS:

The storage room must be dry, protected from sunlight and with a temperature between +5°C and +30°C.

Data and information contained in this technical data sheet are the result of our experience and accurate laboratory tests. However, since the painting process is a set of operations that are beyond our control, they therefore in no way constitute any form of guarantee on the final performance of the cycle itself.

Rev.: 09/22