

Technical Data Sheet NR 15597

BICOMPONENT WATER BASED METALLIC STEEL EFFECT PAINT

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PRODUCT: VMA3000 BICOMPONENT WATER BASED METALLIC STEEL EFFECT PAINT

DESCRIPTION: bicomponent water based metallic steel effect paint

USE: indoor furniture, glass and small objects in general

SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: grey liquid
Solid content %: 2.5 ± 0.5

Light fastness: excellent

SUBSTRATE:

the product must be applied onto a water based gloss (AL752N/AL751B) or semigloss (AO800G60N/AOB810G60) paint, or onto a solvent based gloss LP571NP/LP155P. In any case the base coat should not be sanded. Application of VMA3000 onto a gloss base makes the steel effect more prominent. After catalysis and addition of necessary additive the product can be applied onto glass and protected with lacquered products from the AO800 series.

APPLICATION:

by spray with pneumatic pistols using small sized nozzles (1.6-1.9). Spray the product atomising as much as possible and crossing hands several times, applying minimum 50 g to maximum 80-90 g/m².

OVERCOATING:

respect the indicated painting cycle to obtain good adhesion between coats

HARDENER:

CA508 at 2%. Catalysis must be done while mechanically mixing the product.

DRYING:

Completely dry: 60-90 minutes at 25°C

DILUTION: not necessary

QUANTITY TO APPLY: 50-80 g/m²

NUMBER OF COATS: one

POT LIFE at 20°C: 2 hours

EXAMPLES OF PAINTING CYCLE:

WATER BASED CYCLE

BASE COAT - one or more coats of water based base coat sanded with grain 400 paper.

SUBSTRATE - AL752N/AL751B gloss, or AO800G60N/AOB810G60 matt (120/150 g)
wait 4/5 hours at ambient temperature (20/25°C) DO NOT SAND!!

STEEL EFFECT - VMA3000 cat. at 2% with CA508 (50/80g)
wait at least 1 hour, max. 2/4 hours at ambient temperature (20/25°C)

TOP COAT - AL752 gloss or matt from the AO800 series.

CYCLE ON GLASS

first coat - VMA3000 cat. At 2% with CA508 and 1% AD33.

wait min. 1 hour, max. 2-4 hours at ambient temperature (20-25°C)

PROTECTIVE COAT - black AO800G20N or white AOB810G20

MIXED CYCLE

BASE COAT - one or more coats of solvent or water based base coat sanded with grain 400 paper

SUBSTRATE - LP571NP/LP155P gloss
wait min. 1, max. 2-4 hours at ambient temperature (20/25°C)

STEEL EFFECT - VMA3000 cat. At 2% with CA508 (50/80 g)
wait at least 1 hour, max. 2/4 hours at ambient temperature (20/25°C)

TOP COAT - LAC367/LAC626 gloss or matt from the OAC363 series.

AVAILABLE COLOURS: VMA3000 can be pigmented (before use) with colorants from the CNA series, using max. 7%

STORAGE INFORMATION: store at temperatures above 5°C and below 35°C

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SHELF LIFE AT 20°C: 12 months in correctly stored unopened tin

SAFETY ADVICE: see the product safety data sheet

NB:

dry at temperatures above 20°C and max. 70% R.H.

NOTES: if applied on glass it is necessary to add both 1% of AD33 and 2% of catalyst CA508. Both of these operations must be done while mixing mechanically.

SPECIFICATIONS OF SUPPLIED PRODUCT CHARACTERISTICS	UNITS	VALUE	METHOD
Specific gravity at 20°C:	g/ml	0.99 ± 0.05	MP01
Visc. Brook. gir./rpm/°C :	cPs	22.000 ± 2.200 (3/1/25)	MP19
Visc. Brook. gir./rpm/°C :	cPs	3.000 ± 300 (4/20/25)	MP19
Fineness:	µm	5 max.	MP12
pH value:	/	7.5 ± 0.5	MP13

The quality control value of the viscosity refers to the product immediately after checking. Any variations of the data specified in the technical data sheet could be due to circumstances such as length and conditions of storage.

Always verify the suitability of the product for the job to be done before application. We can not accept responsibility for the outcome.

The information contained in this technical data sheet, as well as any verbal information, is given to the best of our knowledge. We do not accept responsibility for obsolete or incorrect information. The information is to be considered obsolete when a new technical data sheet is issued. Please feel free to contact us to request the latest edition.