

Technical Data Sheet NR 41184

WHITE MONOCOMPONENT WATER BASED BASE COAT

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PRODUCT: HW610770 WHITE MONOCOMPONENT WATER BASED BASE COAT

DESCRIPTION: white monocomponent water based base coat, with good covering, body, vertical adhesion and sanding. For general use, it has good resistance to coating and limited sagging in time.

USE: indoor furniture and fittings

SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: white viscous liquid
Solid content %: 49 ± 2

Minimum temp. of film formation: 15 °C

SUBSTRATE:
solid wood or veneer, MDF

APPLICATION:
by spray with pneumatic pistol with a 2-2.5 mm nozzle. With airmix use 1140-1340 nozzles with paint pressure 60-90 bar, air atomisation 2-2.5 bar.

OVERCOATING:
after application of one coat wait at least 4 hours; two or more coats wait at least 24 hours at 25°C and 60% R.H. Coat with mono/bicomponent water based top coats. Due to the variety of products available on the market always carry out preliminary tests.

DRYING:
Touch dry: 60-90 minutes at 25°C and 60% R.H.
Sandable: after application of one coat wait 4-6 hours; two or more coats wait 24-36 hours at 25°C and 60% R. H.

DILUTION: with water up to 15% in weight
QUANTITY TO APPLY: 100-200 g/m²
NUMBER OF COATS: max. four
INTERVAL BETWEEN COATS: 2-4 hours at 25°C and 60% R.H.

EXAMPLES OF PAINTING CYCLE:
white pigmented cycle on MDF (25°C and 60% R.H.)
- apply one coat of bicomponent water based sealer HW620016, catalysed at 10% with SC290500, quantity 80-100 g/m².
- after 2-6 hours, apply 2 coats of HW610770 diluted at 3% with a time interval of 2 hours between coats, quantity 150-180 g/m².
- sand after 24-36 hours drying and apply one coat of white water based polyurethane matt HW650525-SC290500, diluted at 10% with water, quantity 150 g/m².

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

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

NB:
- apply at temperatures above 15°C and with max. 65% R. H.
- on porous, absorbent and/or dimensionally unstable substrates we advise application of a preliminary coat of sealer HW620016-SC290500.
- take care not to create areas of accumulation of paint in the brackets of cupboard doors to avoid future problems of cracking.

SPECIFICATIONS OF SUPPLIED PRODUCT

CHARACTERISTICS	UNITS	VALUE	METHOD
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Specific gravity at 20°C:	g/ml	1.30 ± 0.05	MP01
Viscosity:	sec	Ford 5 45 ± 4	MP04
Fineness:	µm	30 max.	MP12
pH value:	/	8.1 ± 0.4	MP13

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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.