

Date: 24/10/2022

TECHNICAL DATA SHEET

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PRODUCT NAME & CODE: GEOCRIL 2K 4305 / MSBB**DESCRIPTION: POLYACRYLIC WATERBASE 2K WHITE PRIMER****COLOUR: WHITE****NATURE AND FIELD OF USE**

GEOACRIL is a two-component white water-based primer formulated for finishing kitchen and bath doors, furniture, millwork and interior products. Ideal for various substrates, it denotes an excellent insulating and filling power. It also possesses good wetting and sanding characteristics.

PREPARATION OF PRODUCT:

CATALYST RATIO	BY VOLUME	BY WEIGHT	CATALYST
100% of Part A	10%	10%	4350/A699

DILUTION:

GEOCRIL 4305 / MSBB is supplied ready to use after the addition of the required catalyst; where necessary dilute the finish with 10 - 15% of water.

TECHNICAL CHARACTERISTICS:**PHYSICAL CHARACTERISTICS:**

	As is	Catalyzed	Tolerance	U.O.M.	Method
Specific Weight (20°C/68°F)	1.33	1.31	± 0,02	Kg/l	ME14
Specific Weight (20°C/68°F)			± 100	lb/USgal	ME14
Viscosity DIN6 (20°C/68°F)	35		± 2	Sec	ME16
Weight solids	54	56,5	± 2	kg/kg	ME15
Volume / weight solids	29	31,8	± 1	l/kg	ME15
Volume solids	38,5	41,6	± 1	l/l	ME15
VOC	5,2	8,5	± 1	%	
VOC	70,2	111,3	± 10	g/l	
VOC	.53		± 0,1	lb/USgal	
Flash Point	>60°C/140°F				ME12

THEORETICAL YIELD (Dry film thickness)

30 micron	10,6	m ² /kg	ME82
1 mil	Xxx	Sqft/USgal	ME82

DRY TIMES:

Dust Free	20 – 30	Minuti	ME81
Dry to touch	50 – 60	Minuti	ME81
Thoroughly dry	12 – 16	Hours	ME81
Time between coats (without sanding)	1 – 3	Hours	ME81
Time between coats (with sanding)	> 4	Hours	ME81

DRY FILM (Characteristics)

Good filling properties and ease of sanding.

SUBSTRATE TYPES AND PREPARATION

MDF substrates. We recommend sanding the substrate with 120-150 grit sandpaper before the painting phase. Proceed with the first coat of the primer, applying a quantity between 100 and 120 g / m². Wait for the drying times and apply the second base coat of primer. Sanding with 240-280 sandpaper after the first coat of the product greatly improves the final aesthetic result. In any case, the second base coat must be sanded before applying the finish. The ideal paint cycle for MDF includes two primers and one top coat.

APPLICATION PROCEDURE:

Spray: Gravity cup gun, airless or air mix.

SUBSEQUENT TREATMENT

Once dry, the primer must be sanded and overcoated with a finishing product. Pay particular attention to the sanding phase.

STORAGE AND SHELF LIFE

Attention, the product must be stored in its original containers, away from heat sources, at temperatures between + 5 ° C (+ 41 ° F) and + 35 ° C (+ 95 ° F). The product kept in the aforementioned conditions has a stability of 18 months from the date of production.

ADDITIONAL INFORMATION

To further implement the chemical-physical properties it is possible to add the product in the ratio of 4% with the catalyst 4355 / A699 THE CATALYST MUST BE ADDED SLOWLY AND UNDER GOOD AGITATION. WE RECOMMEND MECHANICAL AGITATION FOR A FEW MINUTES.

Always shake the products well before use.

After use, it is advisable to always close the package carefully.

In case of decanting, use only containers made of suitable material, such as polyethylene and stainless steel.

For best aesthetic results, prepare the substrate by paying attention to proper sanding.

At the end of processing, wash the tools used thoroughly with water.

The final result of the painting cycle is the sole responsibility of the user, who must ensure that the product corresponds to their needs. Our company, unable to ensure control of the painting process carried out by the user, cannot therefore accept any responsibility for the final result achieved through the use of its products.

Our company, on the other hand, guarantees the constancy of the chemical-physical characteristics of the product indicated in this Technical Data Sheet.

*The data relating to the chemical-physical characteristics of the product are measured at 20 ° C/68°F and at 70% R.H.

This version supersedes and invalidates any previous version.

The indications of this newsletter are the result of numerous experiments and should be considered as excellent orientation indicators. However, the methods of application and processing systems are very varied, therefore no guarantee can be assumed for each individual case. This updated version cancels and replaces previous editions.