

ADD*SiL*™ 5000

ANTI-GRAFFITI & EASY-CLEAN

COMPOSITION

Polydimethylsiloxane with hydroxy group

SPECIAL FEATURES AND BENEFITS

Marker resistance

Anti-graffiti effect

Highly compatible

Excellent hydrophobicity and oleophobic properties

Additional release effect

TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Transparent to slight yellowish clear liquid
Active Ingredient	100%
Flash Point	>100°C
Density _{25°C}	0.95~0.99g/ml
Viscosity _{25°C}	10~30s (T-4 viscometer)
Recommended Levels	1.0~3.0%
Hydroxyl value(mg KOH/g)	45-60
Acid value(mg KOH/g)	Max. 0.5

APPLICATION FIELDS

It can be used for two pack coatings based on acrylic / isocyanate and polyester / isocyanate.

RECOMMENDED LEVELS

The recommended dosage is 0.5~3.0% of the total formulations, 0.5~3.0% in Solvent system.

The above recommended levels can be used for orientation. Optimal levels are

ADDSiL™ 5000

ANTI-GRAFFITI & EASY-CLEAN

determined through a series of laboratory tests.

The additive would mix more easily by diluted with Xylene before incorporation, including post-addition. It can be diluted by esters, ketones and glycol ethers.

APPLICATIONS

When used in two-pack system (low temperature baking), we suggest use acrylic resin with high hydroxyl value and prolong bake time to improve anti-graffiti property.

Compatibility with the binder should be checked before application.

Addition to the grind is recommended in pigmented formulations.

Strong agitation (dissolver) required in clear formulations incorporate.

PACKING AND STORAGE

Separation or turbidity may occur at temperatures below 5 °C. Warm to 20 °C and mix well.

ADDSiL™ 5000 is supplied in 25Kg / 180Kg plastic /steel drum or according to customer's request .Transportation as non-dangerous goods.

In the original unopened packaging, ADDSiL™ 5001 has a shelf life of 24 months.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.