

ADDSiL™ 1254 Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 1254 is a polyether modified polysiloxane with high silicone content. It could provide excellent leveling, good hand feeling, as well as good defoaming effect without affecting recoating.

ADDSiL™ 1254 can also enhance gloss, abrasion resistance, water repellency, and flow-out, particularly in polyurethane systems.

EFFECTS

Leveling:	★★★★★
Wetting:	★★★★
Recoat Ability:	★★★★★
Compatibility:	★★★
Slip Effect:	★★★★★
Low Foaming Stability:	★★★★
Anti-crater:	★★★★★
Anti-adhesive:	★★★★

PHYSICAL PROPERTIES

Color and Appearance	Yellowish viscous clear liquid
Ingredient	Polyether modified polysiloxane
Active Content	100%

APPLICATIONS

ADDSiL™ 1254 is primarily designed for solvent-borne systems but can also be used in waterborne coatings. It is compatible with a wide range of resin systems, including acrylics, alkyds, epoxies, polyesters, polyurethanes, and vinyl-based coatings.

It can be incorporated during the let-down stage or post-added to formulations. Thorough preproduction testing is recommended to verify compatibility and performance, particularly in clear systems.

RECOMMENDED DOSAGE

The recommended dosage is 0.1% - 1.0% of the total formulations. The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

PACKING

ADDSiL™ 1254 is available in 25Kg pails.

ADDSiL™ 1254 Silicone Leveling Agent

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

When stored at temperatures between 10°C and 35°C in the original unopened containers, ADDSiL™ 1254 has a shelf life of 24 months from the date of production.

NOTE

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.