

ADDSiL™ 3006 Substrate Wetting Agent

INTRODUCTION

ADDSiL™ 3006 is a highly efficient polyether-modified siloxane additive designed to improve substrate wetting in a wide range of coating systems. It is especially effective on low surface energy substrates such as wood and plastic, preventing surface defects like cratering and pinholes while maintaining good recoatability and compatibility.

FEATURES & BENEFITS

- Improves wetting on difficult substrates like wood and plastic
- Reduces surface tension and prevents cratering
- Enhances flow and levelling
- Excellent compatibility in waterborne and solventborne systems
- Suitable for pigmented and clear coatings

EFFECTS

| | |
|------------------------|-------|
| Leveling: | ★★★★★ |
| Wetting: | ★★★★★ |
| Recoating Ability: | ★★★★★ |
| Compatibility: | ★★★★★ |
| Slip Effect: | ★ |
| Low Foaming Stability: | ★★★ |
| Anti-Cratering: | ★★★★★ |
| Anti-Blocking: | ★ |

PHYSICAL PROPERTIES

| | |
|-----------------------------------|-----------------------------|
| Color and Appearance | Yellowish clear liquid |
| Refractive Index (25°C) | 1.4460-1.4560 |
| Density (25°C), g/cm ³ | 1.03-1.07 |
| Ingredient | Polyether modified Silicone |
| Solid Content | Min.95.0% |

APPLICATIONS

ADDSiL™ 3006 is ideal for improving wetting and surface quality in the following systems:

- Waterborne and solventborne coatings
- Plastic and wood coatings
- Industrial and architectural coatings
- Clear and pigmented formulations

ADDSiL™ 3006 Substrate Wetting Agent

RECOMMENDED DOSAGE

ADDSiL™ 3006 is typically added during the let-down stage, but can also be incorporated earlier. It can be used as-supplied or pre-diluted for easier handling.

Recommended dosage (based on total formulation weight): 0.1-1.0% depending on system type and wetting requirement

Optimal levels are determined through a series of laboratory tests.

PACKING

ADDSiL™ 3006 is supplied in 25Kg plastic pail.

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™ 3006 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.