

SiSiB® CE7001 Silicone Slip & Leveling Additive

INTRODUCTION

SiSiB® CE7001 is a high-performance silicone-based additive formulated from ultra-high molecular weight siloxane polymers dispersed in a special aqueous system.

It provides excellent slip, anti-scratch, anti-blocking, and leveling performance, improving smoothness, abrasion resistance, and surface gloss in both waterborne and solvent-based coatings, inks, and leather finishes.

FEATURES & BENEFITS

- Imparts excellent smoothness and abrasion resistance.
- Provides lubricity and a silky, smooth hand feel in leather finishing.
- Enhances scratch resistance and slip in both water-based and polar solvent-based systems containing polar solvents.
- Enhances leveling, anti-blocking, and gloss
- Compatible with waterborne acrylic, alkyd, epoxy, polyester, polyurethane, and vinyl systems
- Non-yellowing, suitable for sensitive substrates such as leather and textiles
- APEO-free, environmentally friendly formulation

PHYSICAL PROPERTIES

Color	Milky white with bluish
Appearance	Paste
Active Content (%)	80
Ionicity	Weak Anionic/Non-ionic
pH	5.5-6.5
Solubility	Miscible with water at any ratio

These values are typical and are not intended for use as specifications.

APPLICATIONS

SiSiB® CE7001 is designed for use in a wide variety of coating and finishing systems:

Waterborne coatings and inks - Improves slip, leveling, and surface smoothness.

Leather and textile finishes - Provides a soft, silky touch and reduces friction.

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Wood and industrial coatings - Enhances abrasion resistance and surface gloss.

USAGE GUIDELINES

SiSiB® CE7001 can be added directly to the formulation or pre-diluted with water before use. It may be incorporated either during the grinding stage or at the let-down stage, depending on the formulation design.

A typical dosage level is 0.05-5.0 % based on the total formulation weight.

For optimal performance, it is recommended to use after dilution, with the dilution rate adjustable based on specific application requirements.

Compatibility with specific formulations and other additives should be verified prior to use.

PACKING

SiSiB® CE7001 is supplied in 200Kg drum.

STORAGE

When stored in its original, unopened packaging, SiSiB® CE7001 has a shelf life of 12 months when kept in a cool, dry, and well-ventilated place. It should be stored in tightly sealed containers at temperatures between 5°C and 35°C, protected from frost, heat, and direct sunlight.

If any separation or slight sedimentation occurs during storage, it should be stirred thoroughly before use to ensure uniformity.

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.

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.

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