

ADDSiL™ 3122 Silicone Wetting Agent

INTRODUCTION

ADDSiL™ 3122 is a polyether-modified polysiloxane wetting agent. It significantly enhances the wetting and penetration of water-based resins or resin emulsions on substrates such as leather, improving adhesion and surface appearance. The additive provides excellent resistance to plasticizer migration and oil shrinkage, with good compatibility and without affecting transparency or color. It is APEO-free and environmentally safe.

KEY FEATURES

- Excellent wetting and spreading performance
- Strong penetration, improves adhesion to difficult substrates
- High resistance to plasticizer migration and oil shrinkage
- Good compatibility, maintains transparency and color depth
- APEO-free, environmentally friendly

EFFECTS

Wetting:	★★★★★
Water Dilutability:	★★★
Recoating Ability:	★★★★★
PH stability:	★★★★★
Permeability:	★★★★★
Foam Stability	★★★★★

PHYSICAL PROPERTIES

Appearance	Transparent liquid
Color	Colorless to yellowish
Solid content, 120°C, 2h	Min. 96.00
Viscosity (25°C, cP)	20-80
Surface Tension, 0.1%, dyn/cm	21.0
Refractive Index	1.4450

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

APPLICATIONS

- Water-borne paint, ink, adhesive
- Leather finishing agent

RECOMMENDED DOSAGE

- Water-based coatings and inks: 0.1 - 1.0% (on total formulation)
- PVC/leather finishing: 1.0 - 3.0% (on total formulation)
- Can be added during production or post-added.

ADDSiL™ 3122 Silicone Wetting Agent

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

PACKING

ADDSiL™ 3122 is available in 25Kg pails.

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™ 3122 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.