



Wetting and leveling agent

Overview

F-15W is a substrate wetting agent based on polyether-modified siloxane. It is suitable for solvent-based and aqueous coatings and inks. It effectively reduces surface tension and significantly enhances substrate wetting, increasing permeability and flow, eliminating cratering, and improving leveling without affecting recoatability.

Physicochemical Properties

Appearance	Transparent, colorless to slightly yellow liquid	Composition	Polyether-modified polysiloxane
Active Content	100%	Viscosity	Varies with weather conditions
Density	1.02 g/ml		

Note: During the measurement of active content, the value may differ from the active substance due to the evaporation of low molecular weight polyethers under heat. Please refer to the actual test value.

Characteristics & **Advantages**

Compatible with both aqueous and solvent-based systems

Strongly reduces surface tension, enhancing substrate wetting

Increases permeability and flow

Eliminates defects like pinholes, craters, and volcano effects, improving

leveling

Does not affect recoatability

Does not increase surface slipperiness

Dosage 0.1-1% of the total formulation, add after dilution.

Application Solvent-based and aqueous coatings, inks, and UV-curable systems

Precautions &

0-40 °C; store in a cool, ventilated place; keep containers tightly sealed

Storage and away from heat and flames.

Safety Refer to MSDS

Packaging 25 KG/Barrel

NEW-TECHEM

For further detailed information, please contact our company directly.

www.new-

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

Revision date: 2024.01.02 Version 7337 V1 2024