

ORDISOL SWT

SILICONE SURFACE ADDITIVES



SILICONE WETTING AGENTS

- **Surfactant** substances that, when dissolved, reduce the contact angle between the coating and the liquid.
- Super-wetting agents based on **non-ionic copolymers** on trisiloxane structures
- Liquid of intermediate viscosity, easily manipulated and **soluble in water** in any dilution
- Wide range of products, designed to meet the needs of the coatings sector.

ADVANTAGES OF ORDISOL SWT



Optimal WETTING properties.



Control of the liquid surface tension



Decrease in the surface tension of the water to minimum values of 19,5mN/m.

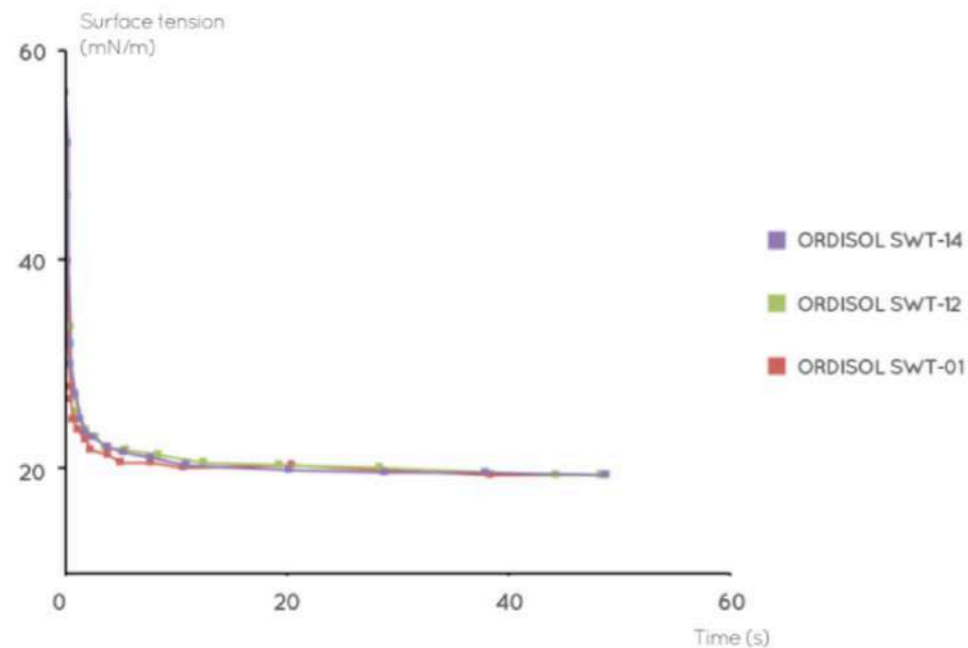


Properties that adapt to each client.

STUDY OF THE SILICONE WETTING AGENTS ORDISOL SWT

SURFACE TENSION

Detailed study on a super-wetting reference based on trisiloxane structures and their effect on the surface tension of water.

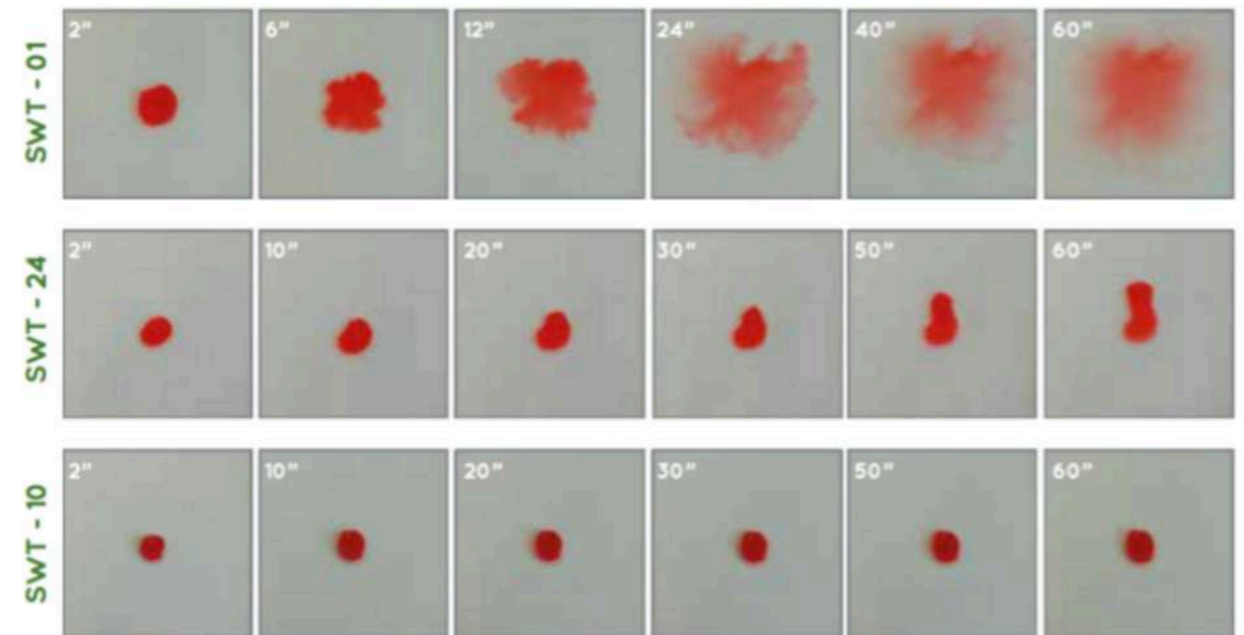


Super-wetting references reduced surface tension to 19.5 mN/m (20°C) in water.

The wetting power demonstrated by these references is very high.

COMPARISON OF THE BEHAVIOUR OF THE DISPERSION

Visual test using a concentration of 0.5% of wetting agents in water with dye to visually analyze the behavior of the dispersion.



We can choose more or less wetting depending on the desired properties.