



ADW

Water-based adhesion enhancer



Overview

ADW is a non-ionic surfactant primarily suitable for water-based coatings and inks. It enhances adhesion to inorganic substrates such as metal, glass, ceramics, and cement, improves chemical resistance, water resistance, and salt spray resistance, and improves the dispersion and anti-tarnishing properties of metallic pigments.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Non-ionic surfactant
Solid Content	70.0 ± 3.0 %	Solvent	DPM
Density	1.14 g/ml		

Characteristics & Advantages

ADW increases the crosslinking density of water-based resins to improve the physicochemical properties of water-based coatings and inks.

- Enhances adhesion of water-based coatings/inks to inorganic substrates.
- Improves water resistance and water boil resistance.
- Increases salt spray resistance, chemical corrosion resistance, and solvent resistance.
- Enhances the dispersion of metallic pigments and prevents tarnishing.
- Reduces the required amount of crosslinkers such as amino resins when added.
- Excellent storage stability.

Dosage

Post-addition: 0.5-3% of the total formulation.

Application

Water-based coatings, zinc-rich primers, water-based inks.

Precautions & Storage

Store at 0-40 °C in a cool, ventilated place. Keep containers tightly sealed and away from heat and ignition sources.

Safety

Refer to MSDS

Packaging

25 KG/Barrel