

Additive G50 S

Polyoxyalkenyl / fatty acid amide formulation

Multi metal corrosion inhibitor

Product description & benefits:

Additive G50 S is a formulation of Additive G50 and fatty acid amides. This premix allows for a much better solubility in medium and low polar systems as well as a better efficacy.

Fields of applications:

- Solvent borne paints & coatings.
- Pigments / flakes of any kind like alumina, zinc or phosphates.
- Temporary corrosion protection (transport or storage).

Application & indications for use:

1) Paints & Coatings:

Additive G50 S is mainly a corrosion inhibitor for solvent borne coatings. It can be used as sole corrosion inhibitor and also in combination with other inhibitors, like anti corrosion pigments. Here the good synergistic effects of Additive G50 become apparent.

For water borne coatings an application also possible but only through an "Additive G50 S – amine premix".

Blending in both cases is done best by adding directly into resin / binder.

2) Pigments & flakes:

Additive G50 S can be used just like Additive G50 to protect metal pigments, especially aluminium. The good solubility in low polar solvents commonly used in such applications is advantageous. The dosage is depending on the specific surface of the pigments. More detailed information can be provided separately and we are always there to consult you on your specific application case.

3) Temporary corrosion protection:

Additive G50 S is a very good inhibitor for different temporary corrosion protection applications like wax emulsions or oils. The good solubility in such medium and low polar systems is advantageous for the optimal dispersion and corrosion protection.

4) High TAC's know how:

Ask us for your dedicated applications!

Additive G50 S has a solid content of 100 % and contains no VOC.

Recommended dosages:

Paints & coatings:	2.0 % - 6.0 % (solid content)
Pigments & flakes:	Depends on specific surface
Temp. protection:	1.5 % - 4.0 %

Properties & Specs:

Appearance:	brownish liquid
Odour:	special, mild
pH (0.5 %):	5.5 – 7.0
spec. gravity:	0.98 – 1.00

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