

PAT-ADD AF 70

Product Data Sheet

Rev 01

April 2018



Product Features

PAT-ADD AF 70 is a liquid de-aerator and defoamer for solvent borne floor coatings.

Air release additive PAT-ADD AF 70 is versatile in application and effective against air inclusion from roll, spray or brush applications.

Main benefits are:

- Outstanding de-aeration in EP floorings and PUR-systems
- Effective for varnishes and pigmented systems
- Maintains coating and film clarity
- Requires only low dosage
- Clear liquid, with excellent shelf stability

Physical Characteristics:

Appearance	: Clear colorless Liquid
Viscosity @ 25°C/77°F	: < 50 cP
Specific gravity @ 25°C/77°F	: 0.800 – 0.830
Composition	: Polysiloxane and organic polymer compound in hydrocarbon solvent
Active content(120°C/1hr)	: 5.0 - 6.00 %

“Physical parameters indicated here in product data sheet are typical properties and not specification limits or range.”

Properties:

PAT-ADD AF 70 is soluble in most hydrocarbon solvent borne systems.

De-aeration in a wide variety of film thicknesses; excellent results and fast de-aeration have been observed in wet films of 30 µm up to several mm thick.

Excellent de-aeration for clear or pigmented floor coatings and solvent borne coatings; varnishes, wood coatings and industrial paints.

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Dosage & Addition

The optimal amount of PAT-ADD AF 70 is system related, generally between 0.1 to 0.8 % PAT-ADD AF 70 as supplied on total weight of resins solid. Appropriate incorporation parameters are dependent on system characteristics, such as viscosity and solvent composition. However, typical standard let-down conditions (mixer) are acceptable.

The optimum concentration depends on the individual requirements and manufacturing conditions, best arrived at using ladder series evaluations.

End Use Application

PAT-ADD AF 70 is highly recommended for clear and pigmented floor coatings and solvent free as well as solvent borne coatings; varnishes, wood-coatings and industrial paints.

Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in unopened original containers as shipped by Patcham when stored in frost free warehouse.

Storage and transportation

Separation may occur upon storage. Mix well before use.

Safety and Handling

For information on handling, storage and safety please refer to the information from the Material Safety Data Sheet (SDS).

Packing size

Drum: - 170.0 kgs, Can: - 20.0 kgs, IBCs: - 750.0 kgs.

Disclaimer:

While every effort is made to provide accurate and complete test results for The PATCHAM ADDITIVES, various data may vary depending upon different raw materials, test procedures and test conditions. The accuracy, reliability, or totality of the results are not guaranteed or warranted in any way. PATCHAM FZC and its representatives disclaim liability of any kind whatsoever, including liability for quality, performance and fitness for a particular purpose arising out of the use, or inability to use the test results.