



PATCHAM (FZC)

# PAT-ADD AF 70

## PRODUCT DATA SHEET

PAT-ADD AF 70 is clear liquid de-aerator and defoamer for use in floor coatings and solvent borne coatings, like varnishes, wood-coatings and industrial paints.

Air release additive PAT-ADD AF 70 is versatile in application and effective to combat air inclusion as a result of application conditions, such as rolling, spraying or brushing.

### **PHYSICAL CHARACTERISTICS:**

Appearance	:	Clear colourless liquid
Viscosity @ 25°C,	:	<50 cPs
Specific gravity @ 25°C, approx	:	0.825
Composition	:	Polysiloxane and organic polymer compound in hydrocarbon solvent

### **PROPERTIES:**

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

De-aeration properties are provided to a wide variety of layer thicknesses; excellent results and fast de-aeration have been recorded in layers from 30 µm up to few mm thickness.

### **Main benefits are:**

- Outperforming de-aeration properties in EP floorings and PUR-systems
- Effective for varnishes and pigmented paints
- Maintains clear film appearance
- Requires only low dosages
- Clear liquid, showing excellent shelf stability

### **DOSAGE AND ADDITION:**

The optimal amount of PAT-ADD AF 70 to be used is system related, but generally is between 0,1 and 0,8 % PAT-ADD AF 70, calculated on the total weight of formulation. Appropriate incorporation conditions have to be provided, which are related to system characteristics, such as viscosity and solvent composition. However, typically standard let-down conditions (mixer) may be applied.

The optimum concentration to be used depends on the individual requirements and conditions.

*For information on handling and safety please refer to the information from the Material Safety Data Sheet*