



PATCHAM (FZC)

PAT-ADD SL 1120

PRODUCT DATA SHEET

PAT-ADD SL 1120 is a slip and levelling agent for use in solvent-borne coatings.
PAT-ADD SL 1120 is mainly used in industrial coatings.
PAT-ADD SL 1120 is extremely versatile in application, so efficient in various solventborne systems for optimizing slip, mar resistance and contributing to improved flow and levelling.

PHYSICAL CHARACTERISTICS:

Appearance	:	Clear colourless liquid
Viscosity @ 25°C, approx	:	<15 cPs
Specific gravity @ 25°C, approx	:	0.895
Composition	:	Polysiloxane in solvent
Solvent	:	Butyl acetate

PROPERTIES:

PAT-ADD SL 1120 is a very efficient surface tension modifier, effective at very low concentrations. The product demonstrates excellent substrate wetting, thus avoiding the formation of craters, pinholes and poor substrate coverage of coatings applied onto critical substrates such as improperly cleaned substrates and low surface tension substrates. Moreover, PAT-ADD SL 1120 provides excellent surface smoothness, slip and mar resistance, counteracts pigment floating or foam formation.
PAT-ADD SL 1120 is suitable for use in pigmented as well as clear coating systems.

MAIN BENEFITS ARE:

- Most effective slip agent
- Defoaming, antiblocking, mar resistance
- Wide range of compatibility, excellent film transparency
- Reduces coefficient of friction (COF) in solventborne and UV-curable systems
- For solventborne industrial and UV/ EBC cured systems; limited compatibility in WB systems

DOSAGE AND ADDITION:

The optimal amount of PAT-ADD SL 1120 to be used is system and application related; in order to maintain proper recoatability properties, excessive levels should be avoided.
PAT-ADD SL 1120 may be added to the formulation during any stage of paint production.
The recommended dosage is between 0.05 to 1.0%, calculated on the total weight of the formulation.
It is strongly recommended to evaluate performance and compatibility empirically, applying close-to-practice test conditions.

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