



PATCHAM (FZC)

# PAT-ADD DA 2025

## PRODUCT DATA SHEET

Rev No. 0

Date :-09/01/2015

PAT-ADD DA 2025 is a wetting and dispersing agent for use in PVC Plastisol.

PAT-ADD DA 2025 is most effective for main inorganic pigments, including titanium dioxide as well as extenders.

### **PHYSICAL CHARACTERISTICS:**

Appearance	Pale yellow liquid
Viscosity @ 25°C, approx	: 250 cPs
Specific gravity @ 25°C, approx	: 1.070
Acid value	Approx. 100 mg.of KOH/gm of sample
Composition	: Polymeric acid ester of long chain alcohols
Solids content, approx.	: 100%

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

### **PROPERTIES:**

PAT-ADD DA 2025 reduces viscosity of the pigment dispersion in PVC plastisol, thus optimizing pigment wetting and dispersing. Furthermore, the product improves shelf stability and appearance features such as gloss, levelling, pigment homogeneity, thus preventing pigment floating and flooding.

The weak acidic character of PAT-ADD DA 2025 makes this additive ideal to be used for acid catalysed systems. Furthermore, PAT-ADD DA 2025 has shown excellent performances, if used in conjunction with polymeric dispersing agents, as typically used for the dispersion of organic and hydrophobic pigments, such as dispersant PAT-ADD DA 948.

### **Main benefits are:**

- Spontaneous, fast pigment wetting properties in high loaded pigment concentrates
- Optimises the mixing process, enabling high pigment loading and best color development
- Strong prevention of pigment flocculation, floating, flooding, and pigment settling

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

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### **DOSAGE AND ADDITION:**

The optimal amount of PAT-ADD DA 2025 to be used is system related, but generally is between 0.4 and 2.0 % PAT-ADD DA 2025, calculated on the total weight of PVC formulation.

The product is added to the mill-base prior to the dispersion process.

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

*While every effort is made to provide accurate and complete information, performance of the product may vary depending upon different raw materials, formulations, test procedures and test conditions. Hence Patcham (FZC) and its representative disclaim any kind of liability.*

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