

Product Features

PAT-ADD DA 213 is a nonionic wetting additive for aqueous paints and colorants.

Main benefits are:

- Optimizes color development
- Strong prevention of pigment flocculation, floating, flooding, and pigment settling
- Excellent storage stability - stable viscosity
- Limits risk of phase separation
- Universal usage for aqueous paints and colorants

Physical Characteristics:

Appearance	: Clear colorless liquid
Viscosity @ 25°C	: < 500 cP
Specific gravity @ 25°C	: 1.050-1.110
Polarity	: Nonionic
Solids content(120°C/1 hr)	: 90.0 ± 3.00%

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

Properties:

PAT-ADD DA 213 is a wetting additive for aqueous systems. The product is typically used in emulsion paints in conjunction with polycarboxylic dispersion agents, such as PAT-ADD DA 103.

PAT-ADD DA 213 is recommended for universal colorants; POS tinting of waterborne and solvent borne paints.

PAT-ADD DA 213 optimizes color development, paint stability; typically added prior to milling.

PAT-ADD DA 213 is strongly adsorbed onto inorganic pigments and extenders, creating a dense charged layer for electrostatic stabilization of the dispersed pigment and extender particles. The tendency for pigment flocculation, during paint production, storage or application is reduced, while viscosity stability on storage, color development, and opacity are optimized.

Dosage & Addition

The optimal amount of PAT-ADD DA 213 is system related, but is generally between 0.1 and 0.5% on the total weight of paint formulation.

The product is best added to the mill-base before pigments and extenders.

The optimum concentration depends on the individual formulation and manufacturing conditions.

End Use Application

Masonry Primers, Interior and Exterior Emulsion Paints - Gloss, Semi -gloss, Sheen and Matt Finishes, low VOC emulsion paints, Pigment and Extender slurries etc.

Shelf life

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

Storage and transportation

The product may solidify below +1 °C (33.8 °F). Heat to 20 °C (68 °F) and stir.

Safety and Handling

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

Packing size

Plastic container: - 25.0 kgs, 220.0 kgs, 1050.0 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.