



## Product Features

PAT-ADD DA 108 is a polymeric dispersing agent for inorganic pigments in aqueous systems. The product is very versatile in application and used in a wide range of emulsion paints; high pigment loadings in the mill-base and excellent storage stability.

### Main benefits are:

- Enables high mill-base loading for efficient manufacturing
- Contributes to gloss optimization in gloss emulsion paints
- Good pigment wetting
- Good corrosion resistance
- Stable paint viscosity during storage
- Hydrophobic copolymer, for optimal water resistance and scrub resistance
- Universal use in emulsion paints and other aqueous formulations

## Physical Characteristics:

<b>Appearance</b>	:	Pale yellow liquid
<b>Viscosity @ 25°C/77°F</b>	:	<300 cP
<b>Specific gravity @ 25°C/77°F</b>	:	1.000 – 1.100
<b>pH</b>	:	9.50 -11.00
<b>Polarity</b>	:	Anionic
<b>Composition</b>	:	Sodium salt of carboxylic acid copolymer in water
<b>%Solids content (120°C/1hr)</b>	:	24 – 26 %

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

## Properties:

PAT-ADD DA 108 is strongly adsorbed onto inorganic pigments and extenders, creating a dense charged layer to provide electrostatic stabilization of the dispersed particles. Pigment flocculation, during paint production, storage or application is reduced, while properties like viscosity stability on storage, color development, opacity, scrub-resistance are optimized with PAT-ADD DA 108.

# PAT-ADD DA 108

## Product Data Sheet

Rev 02

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**PATCHAM**

*A step towards sustainable chemistry*

### Dosage & Addition

The optimal amount of PAT-ADD DA 108 is system related, but is generally between 0.60 and 2.5% on the total weight of the mill-base; respectively approx 0.40 to 1.0% on total paint formulation.

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

The optimum concentration to be used 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

Drum: - 250.0 kgs, Can: - 25.0 kgs, IBCs: - 1000.0 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.*