



PATCHAM (FZC)

PAT-ADD DA 202

PRODUCT DATA SHEET

PAT-ADD DA 202 is a non-ionic wetting agent for use in dispersion paints and colorants.

PAT-ADD DA 202 is APE-free and replaces products such as alkyl phenol ethoxylates, which are banned in certain areas based on high toxicity concerns.

PAT-ADD DA 202 is extremely low foaming.

PHYSICAL CHARACTERISTICS:

Appearance	: Pale yellow liquid
Viscosity @ 25°C, approx	: 1200 cPs
Specific gravity @ 25°C approx.	: 1.090
Polarity	: Non-ionic
Solids content, approx	: 72%

PROPERTIES:

PAT-ADD DA 202 is a multi-applicable wetting agent for use in waterborne systems. The product is typically used in dispersion paints in conjunction with polycarboxylic dispersion agents, such as PAT-ADD DA 101 or 103.

PAT-ADD DA 202 is very suitable for use in universal colorants, as designed for tinting purposes of waterborne and solvent borne paints.

PAT-ADD DA 202 optimises colour development, paint stability, when added prior to milling.

MAIN BENEFITS ARE:

- Optimises colour development
- Strong prevention of pigment flocculation, floating, flooding, and pigment settling
- Maintenance of efficiency even after storage - stable viscosity
- Limits risk of phase separation
- Universal usage for dispersion paints and aqueous colorants

DOSAGE AND ADDITION:

The optimal amount of PAT-ADD DA 202 to be used is system related, but generally is between 0,1 and 0,5% PAT-ADD DA 202, calculated on the total weight of paint formulation.

The product is best added to the mill-base before the pigments, extender. For use as wetting agent in universal colorants higher dosages are required, generally 2 to 10% PAT-ADD DA 202 on total weight of the colorant.

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