

BENAQUA® 5000

Rheological Additive for Construction Products

GENERAL INFORMATION

BENAQUA® 5000 rheological additive is an easily dispersible powder designed for tile mortars, textured and high-build coatings, stucco and water-borne adhesives. It is especially useful in dry systems where water is added prior to use.

BENAQUA® 5000 provides high viscosity in the low- to medium-shear-rate region. It gives superior sag resistance at low package viscosity compared with conventional thickeners, as well as improved shear-thinning rheology. Incorporation of BENAQUA® 5000 also improves workability and open time in mortars.

CHEMICAL & PHYSICAL PROPERTIES

Composition	polymer modified clay
Color / Form	off-white, finely divided powder
Density	2.1 g/cm ³
Non-volatile content	100%

These are typical properties not to be used for specification purposes.

APPLICATIONS

Adhesives

- Ready mixed
- Powder

Mastics and sealants

Paints

- Dry-fall paints
- High-build paints
- Plasterboard coatings
- Primers/sealers
- Textured paints

Dry Mortars

- Tile Adhesives
- Stucco
- Pool Plasters

KEY PROPERTIES

Rheological properties

- Good low to mid-shear-rate viscosity
- Excellent shear-thinning
- Excellent suspension

Application performance

- Superior sag resistance
- Improved open time and workability
- Enhanced textured effects (roller or spray)

INCORPORATION

BENAQUA® 5000 is a dry powder which can be blended easily into dry mortars

LEVELS OF USE

The typical levels of use for BENAQUA® 5000 are 0.3% to 2.0% by weight.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Store in a cool, dry location.

SHELF LIFE

BENAQUA® 5000 has a shelf life of 4 (four) years from date of manufacture.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.