

NUMBER 4731-1 (Supersedes 4731)

Amylotex* 8100 starch derivatives

Starch derivatives

Amylotex starch derivatives are chemically modified starches that have been developed for application in the construction industry, especially in gypsum, cement and lime based plasters. They influence the consistency of mortars and, thus improve workability and sag resistance of the formulation. Amylotex starch derivatives are additives that are commonly used in combination with cellulose derivatives.

Amylotex 8100 starch derivatives are universally applicable and are suitable for use in both neutral and alkaline systems. Amylotex starch derivatives are compatible with most other additives for gypsum and cement products, like surfactants and polymers such as Culminal™ methylcellulose (MC) derivatives, Nexton™ hmHEC derivatives, Blanose™ CMC, Silipon™ RN-types and polyvinyl acetate.

Specifications

Appearance	white to yellow powder
Bulk density, g/l	350 - 550
Moisture content, % max., as packed	8
Particle size (Alpine air sifter), retained	max. 20% on 0, 4 mm
Solution viscosity, as is (Brookfield RV, 20 rpm at 20°C, mPa.s)	1500 – 3000 at 10% ~300 – 600 at 5 %

Uses

Amylotex 8100 starch derivatives are used in all gypsum, cement and lime-based formulations such as:

- Gypsum-based fillers and adhesives
- Gypsum-based manually applied and sprayable plasters
- Cement-based plasters and stuccos
- Cement-based fillers
- Cement-based adhesives for ceramic tiles and for lime-sandstone
- Masonry mortars

Packaging and Storage

Amylotex 8100 starch derivatives are supplied in bags of 20 kg net, these are supplied on pallets of 30 bags each (600 kg net). The product is also available in super sacks of 400 kg (pallets of 800 kg net).

Amylotex 8100 starch derivatives are non-perishable products. It is recommended to use the product in rotation on a first-in first-out basis. The product should be stored under dry and clean conditions in its original packing and away from heat. The product is hygroscopic. The packaging is selected in a way to avoid ingress of moisture, but the water content of the packed product will/may increase if not stored dry.

Product Safety

Read and understand the Safety Data Sheet (SDS) before using this product.