

Technical Information

Vinapor[®] GYP 3110

Polymer Dispersions for Construction

Chemical Nature

Vinapor[®] GYP 3110 is an aqueous solution based on sodium alkyl sulfate.

Application Areas

Vinapor[®] GYP 3110 is a clear, yellowish to brownish liquid and typically used in gypsum wallboards.

The dosage of Vinapor[®] GYP 3110 is mainly dependent on the gypsum quality and used additives and has to be evaluated in plant tests. In common, the recommended dosage is 0.02~0.10 % by weight of stucco based on BASF current experience.

Processing

Vinapor[®] GYP 3110 is in bulk 1000 kg original sealed container with 720 days shelf life and must be protected from frost and moisture. It is recommended to store the product at temperatures between 10 and 40°C.

If the products are exposed to temperatures below the pour point they may form gels or become crystalline. The products are not damaged by low temperatures, but they will become heterogeneous and exhibit separation. The homogeneous state is to be recovered by gentle heating and stirring. Temperatures above 40°C or below 5°C must be avoided.

Depending on temperature, the pH may fall during storage. Product quality is not impaired as long as the pH value remains above 4.0. Fully mix material before use.

Mixing of different foam concentrates may lead to irreversible changes of the product (gel forming, precipitations) which can lead to difficulties in storage tanks, tubes and foam generators. BASF does not accept liability in those cases. Not known as a dangerous good according to transport regulations.

Technical Data

Active matter (%)	34~36
pH value (10% aq. sol, 20°C)	10.0~11.4
Density (at 23°C g/cm ³)	1.0 ~ 1.1

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