

DUVILAX® AVVEX

Paints and plaster manufacture
Building industry

Composition:

A water dispersion type nucleus-cellular made of system vinyl acetate – acrylate – versatate. The nucleus is relatively hard polymer that covers relatively soft polymer. Such a system gives relatively hard and resistant film at enough low minimum film forming temperature. The emulsion system is composed of a hydrophone emulsifier and polyvinyl alcohol acting as protective colloid. Duvilax® AVVEX does not prove any health or usage risks (no R-sentences and S-sentences).

Properties:

A water white- colored dispersion with a characteristic smell. It is non-toxic, incombustible, posing no health or hygienic hazards and biodegradable. The dispersion film is transparent, flexible and non- adhesive.

Parameters:

Dry matter content	min. 50 %
Viscosity	500 – 800 mPa.s (Rheotest) 2 000 – 5 000 mPa.s (according to ISO 2555, Brookfield RVT)
pH value	6 – 7
min. film-forming temperature	6°C
particle size	140 – 250 nm

FILM

Na OH resistant	95%
Suction in water	max. 20%
Solubility in water	max. 6 %
Abrasion-resistance	> 45 minutes
Hardness	7 – 12 %
Rigidity	6 – 11 MPa
Tensile	50 – 200 %

Usage:

Duvilax® AVVEX is used for production of facade coating materials on the water base, possibly for interior paints. Next it is used for production of plaster, cement, spatula, dispersed adhesives and suchlike. After water dilution it is suitable as a penetrated dilution for soaking highly or unevenly absorptive ground in exteriors and interiors, too.

Packing:

Packed in 30 kg PE -kegs; 125 kg PE- barrels; 200 kg steel barrels; 1000 kg plastic container, road tank cars and railway tanks.

Storage:

Duvilax® AVVEX is stored in original, undamaged, closed packaging at temperature from 5°C to 40°C and must not be exposed to direct sunshine. Goods delivered in tanks is stored in special storage bins protected against corrosion caused by mildly acid medium. There must not be free airflow from the surroundings in bins (for instance use water valve) or there must be mixer given. It is necessary to mind not to mix it with other medias and also with microbiological exceptionable materials. After emptying the tank it is necessary to clean and disinfect with the help of biocide agent.

Guarantee period:

6 months under the observation of storage conditions.

The given data are only of an informative character and are not complete. Before each use it is recommended to try an adhesive in concrete conditions. Further information can be obtained at:

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