

AKRYLAX V-50

paint production
building industry

Composition:

Terpolymer core / shell dispersion of acrylic ester, methacrylic acid ester and versatic acid vinyl ester. The emulsion system is build up of an anionactive emulsifier combination.

Properties:

Water dispersion with a characteristic blue tint. The dispersion is nonflammable, health and sanitary unobjectionable. The dispersion film is transparent, flexible, non-tacky, resistant to the effects of alkali and water.

Parameters:

solids content	min. 49 % by weight
Viscosity (Rheotest)	200 - 700 mPa.s
Viscosity (Brookfield)	500 - 2400 mPa.s
pH	6.5 - 8.0
MFT	min. + 5 °C
alkaline film hydrolysis	max. 2 %
alkaline dispersion hydrolysis	max. 5 %
adsorptivity of the film in water	max. 30 %
water solubility of the film	max. 5 %
wear resistance of the film while wet	> 45 minutes
mechanical dispersion stability	> 45 minutes
film strength	2 to 5 MPa
film ductility	200 to 600 %
film hardness	2 to 6 %
particle size	60 to 90 nm

Usage:

AKRYLAX V 50 is intended for the preparation of facade paints, acrylate plasters and penetration coatings. It has a low absorptivity in water and a high environment resistance.

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:

AKRYLAX V 50 is stored in original undamaged and closed packings at temperatures from 5 to 40 °C. It must not be exposed to direct solar radiation.

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:

12 months if the storage conditions are observed.

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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