

DUVILAX® KA-4, KA-4+

Textile industry
Adhesive manufacture
Building industry

Composition:

A terpolymer on the base of vinyl acetate – acrylate in water. The emulsion system is composed of a non- ionogenous emulsifier and polyvinyl alcohol acting as protective colloid. Duvilax® KA - 4 and Duvilax KA-4+ 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, soft and strongly adhesive.

Parameters:

Dry matter content	min. 50 %
Viscosity	1 000 – 6 000 mPa.s (Rheotest) 2 000 – 25 000 mPa.s (Brookfield RVT, ISO 2555)
pH value	4-7
min. film-forming temperature	0°C
bond strength-flaking	
KA-4:	min. 3,5 N/15 mm
KA-4+:	min. 6,0 N/15 mm
contact adhesiveness	
KA-4:	min. 4,0 N/50 mm
KA-4+:	min. 15,0 N/50 mm

Usage:

Duvilax® KA - 4 and KA-4+ makes self-adhesive, very thin and transparent film on different surfaces (also nonabsorb). In this way it is possible to prepare self-adhesive insulating layers from felt, self-adhesive ground for fixing textile coverings perhaps PVC- coverings with textile verso, self-adhesive textile and plastic tapes, paper stickers and suchlike. The advantage of Duvilax® KA-4 and KA-4+ is its possibility to dilute and wash with water before getting dry, withal its film after getting dry is actually non-soluble. An adhesive is applied either directly on the surface or with nozzle it is sprayed on separated paper or foil. Afterwards it is kept to dry and glued on the surface of wanted material. Duvilax® KA-4 and KA- 4+ is used for modification of dispersive adhesives for building and paper industry. Duvilax® KA-4 is suitable as an adhesive for sticking textile wallpapers, especially on the ceiling and badly accessible places, and fixing floor coverings on flat floors.

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® KA - 4 and KA-4+ are stored in original, undamaged, closed packaging by 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:

0026



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