

# DUVILAX® BD-20

## STANDARD MIDDLE - VISCOUS TYPE

Building industry  
Paints and coating materials  
Paper industry  
Adhesive manufacture  
Textile industry

### Composition:

A homopolymer polyvinyl acetate dispersion containing external softening agent but without filling agents. The emulsion system is composed of a non-ionogenous and polyvinyl alcohol acting as protective colloid. Duvilax® BD-20 does not pose any health or usage risks (no R-sentences and S-sentences).

### Properties:

A water dispersion of white color with a characteristic smell. It is non-toxic, incombustible, nonexplosive, posing no health or hygienic hazards and biodegradable. The dispersion film is transparent, elastic, soft and mildly adhesive.

### Parameters:

Dry matter content	min. 53.5 %
Viscosity	3 000-5 000 mPa.s (Rheotest) 4 000-19 000 mPa.s ( Brookfield RVT, ISO 2555)
pH value	3 – 5
min. film-forming temperature	2°C
particle size	300 – 3 000 nm

### Usage:

Duvilax® BD-20 is an universal dispersion with a wide application range. It is suitable for the manufacture of indoor painting substances, in which it functions as a dispersion binder and ensures the wear resistance. It is also used as a plastification and aeration additive into walling mortars, plasters, cement screeds and other building mixtures in a quantity of 5 % on the cement, or lime weight. Duvilax® BD-20 improves the processability of the mixture, increases the elasticity, adhesion, impact resistance, oils resistance and reduces the water permeability. After dilution with water in the ratio 1:4, it is suitable for penetration of excessively absorbent underlayers before gluing with dispersion adhesives, before painting indoors and before application of dispersion spatulas. Duvilax® BD 20 without dilution is used also as an adhesive for gluing of textile wallpapers and as an universal dispersion adhesive in the paper and printing industry. In the textile industry it is used for hardening threads and fabrics and in carpet production as a basic component of mixture for verso treatment.

### Packing:

Packed in 1kg, 3 kg, 5 kg and 10 kg bucket, 30 kg PE -kegs; 125 kg PE- barrels; 200 kg steel barrels; 1000 kg plastic container, road tank cars and railway tanks.

### Storage:

Duvilax® BD - 20 is stored in original, undamaged, closed packaging at temperatures 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:

The guaranteed period for the product delivered in packing up to 15 kg gross is 12 month. For the rest of the products it is 6 months, in the case of keeping the storage conditions mentioned above

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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### Producer:

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