

75075 Dispersion K 52

Dispersion K 52 is an acrylic binder for very matte and transparent applications.

Dispersion K 52 may be used as an undiluted or diluted acrylic dispersion (1 to 2 with water) and can be pigmented like any other acrylic dispersion or used with acrylic paints. It can also be used as a consolidation medium for powdery paint layers or diluted with water as a very well penetrating ground (max. 1 volume of dispersion to 5 volumes of demineralized water).

Dispersion K 52 can be applied onto paper, wood, linen, cotton, concrete, plaster, etc.

Dispersion K 52 should be used at temperatures above 2°C.

Dispersion K 52 is not recommended for outdoor applications.

Product Specification

Product Description:

Dispersion K 52 is an aqueous dispersion acrylic copolymer with an ultrafine particle size. It is particularly recommended for formulating penetrative primers for porous substrates. The emulsion can also be used in formulating products for use on wood, in particular wood stains.

Specifications and Typical Properties:

Property	Value	Test Method
Solids content	28 – 30 %	ISO 3251
pH Value	6.5 – 7.5	ISO 976
Viscosity accord. to Brookfield RVT (at 23°C, 50 rpms, Spindel-No. 1)	≤ 200 mPas	ISO 2555
Typical Properties: Density:	approx. 1.03 g/cm ³	ISO 8962
Particle size:	approx. 20 – 40 nm	
Minimum film formation temperature:	< 5°C	ISO 2115
Glass transition temperature:	approx. 16°C	
Appearance:	transparent liquid	

Storage Conditions and Shelf-Life:

The containers should be kept closed to prevent evaporation of the water and the formation of a skin on the surface. The product should not be exposed to frost or to temperatures exceeding 30°C. In these conditions, it can be kept for 8 months with no significant loss of its properties, but it cannot be guaranteed for longer.