

Technical Leaflet

WorléeAdd 700

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W'Add 700 is an aqueous emulsion of a self-crosslinking elastomeric silicone.

Technical Data:

Appearance	opaque liquid
Active substance	60%
Specific gravity, 25 °C, DIN 51757	1.05 - 1.20 g/cm ³
Viscosity, DIN 53015	300 - 700 mPa·s
pH	10.5 - 11.5
Delivery form	60% emulsion

Application and properties

W'Add 700 is used in aqueous systems mostly based on acrylic dispersions. The application fields are very different.

In printing inks W'Add 700 improves adhesion, flexibility, water resistance as well as resistance against mild detergents.

Industrial coatings with W'Add 700 show remarkable resistance against humidity. By adding WorléeAdd 700 water repellency will be achieved.

The addition in parquet varnishes increases water resistance and reduces stripes of black rubber soles.

The water evaporation permeability together with good water resistance allows successful application in facade paints.

Other application fields are coatings for wood, plastics, leather etc..

W'Add 700 is self-crosslinking. After evaporation of the water self condensation starts which leads to this characteristic quality profile. At room temperature this reaction is finished after approx. 10 days, the process can be fastened by the addition of heat.

The additional quantities are as a rule between 2 and 5%, based on total formulation.

Handling and storage time:



WorléeAdd 700

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W'Add 700 must be stirred well before using.

When stored at 25 °C in unopened containers W'Add 700 has a usable life of 12 months from date of production. The storage temperature should be 10 - 25 °C.