

Acronal[®] MB 5382

Polymer Dispersions for Construction

Chemical nature

Acronal[®] MB 5382 is the Biomass Balance version of Acronal[®] A 380.

Aqueous dispersion of an acrylic ester copolymer, produced using acrylonitrile, produced without the addition of APEO.

Properties

Physical form

Liquid

Technical data

(not supply specification)

Solids content	DIN EN ISO 3251	~ 62 %
pH value	DIN ISO 976	5.5 – 6.5
Dynamic viscosity	DIN EN ISO 3219 (100 1/s, 23 °C)	50 – 350 mPa s
Glas temperature		~ -22 °C

Application

Areas of application

Acronal® MB 5382 is used to manufacture adhesives for flexible floorings, primarily for the laying of textile flooring materials.

Acronal® MB 5382 allows the manufacture of adhesives with a resin solution. Furthermore, it allows the manufacture of adhesives with resin melt, especially very low emission adhesives coping with the requirements of EMICODE® EC1+ and the Blue Angel (DE-UZ-113).

Due to the Biomass Balance approach Acronal® MB 5382 has a considerably reduced product carbon Footprint ("cradle to gate") compared to Acronal® A 380.

Processing

Together with added fillers, resins etc., Acronal® MB 5382 is processed into adhesives in the usual mixing equipment. However, for the manufacture of adhesives with resin melts special technical facilities are required.

Standard commercial antifoams (e. g. FoamStar® SI 2210) can be used to suppress foaming. In general, it is sufficient to add 0.1 – 0.2 % antifoam in relation to the adhesive mixture. The amount required must be determined in tests.

We recommend adding preservatives to adhesives that contain Acronal® MB 5382 to protect them from microbial attack.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

® = Registered trademark

™ = Trademark of the BASF Group, unless otherwise noted

BASF SE

Dispersions & Resins Europe
67056 Ludwigshafen, Germany
www.basf.com/dispersions