

Acronal[®] MB EDGE 4248

Chemical Nature

Acrylic latex resin used in architectural coatings.

Acronal[®] MB(*) EDGE 4248 is identical to Acronal[®] EDGE 4248, but achieves a significantly lower Product Carbon Footprint, because it uses renewable raw materials instead of fossil raw materials via a mass balance approach.

* MB = Mass Balance

Properties

Typical Properties

Solids content, weight	%	52.0 – 54.0
Solids content, Volume	%	49.0 – 51.0
Brookfield Viscosity	cps	< 1100 cps
pH		7.8 – 9.0

Other properties of the dispersion

Specific gravity	lbs/gal	ca. 8.9
MFFT		ca. 7
Particle size	nm	ca. 130

*These figures should be taken for comparison purposes only. They furnish only a rough comparison of film strengths.

Application

Applications

Exterior (primary) and Interior Architectural Coatings

Features

Low VOC capable binder that combines excellent priming capabilities, specifically tannin block and efflorescence resistance with outstanding topcoat properties that include dirt pickup resistance and surfactant leaching resistance. VOC of the binder measured 0-0.4 % via ASTM D 6886 using Methyl Palmitate as the cut off.

A biomass balance product certified by TÜV Nord according to REDcert2 certification scheme for the chemical industry. This product entails a 100% substitution of fossil with renewable raw materials in the value chain.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Acronal MB EDGE 4248.

Storage

Storage should be in accordance with the "Handling and Storage of polymer dispersions" brochure. Technical information regarding the storage of BASF polymer dispersion products is available upon request.

Important

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