

# Acronal<sup>®</sup> EDGE 4142

## Chemical Nature

Aqueous acrylic dispersion for architectural coatings.

### Properties

#### Typical Properties

Solids content, weight	%	44 - 47
pH		7.5 – 9.0
Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	cps	< 1000

#### Other properties of the dispersion

Type of dispersion		anionic
Density	g/cm <sup>3</sup>	1.04
Freeze/thaw stability		not stable

#### Properties of the film

Appearance		clear
Flexible		yes
Surface		tack-free
MFFT	°C	7–12

\* These typical values should not be interpreted as specifications.

### Application

#### Features

Acronal<sup>®</sup> EDGE 4142 is a self-crosslinking, acrylic emulsion for architectural coating applications. It is a lower than 50 g/l VOC capable binder offering excellent gloss development and superior block resistance in high-gloss and semi-gloss sheen coatings across all bases.

### 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<sup>®</sup> EDGE 4142.

### 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.

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