

# Acronal<sup>®</sup> NX 3250 M

## Chemical Nature

Aqueous, all-acrylic polymer dispersion designed for solar reflective, durable, dirt-resistant, elastomeric roof coatings with excellent adhesion to spray polyurethane foam and other roofing substrates

## Properties

### Typical Properties

Solids content	%	54.0 – 56.0
pH		8.5 – 9.5
Viscosity at 73 °F (Brookfield RV viscometer, Spindle #4, at 100 rpm)	mPa s	100 – 800 cP

### Other properties of the dispersion

Density	lbs/gal	ca. 8.60
Dispersion type		Anionic
Sensitivity to freezing		Protect from freezing

\* The values above should not be taken as specification.

## Applications

### Fields of application

Acronal NX 3250 M has been designed to drop into any Elastomeric Roof Coating Formulations used in the reflective Roof Coatings Industry. Ease of convenience and excellent performance properties is deliberate in the design of the Acronal NX 3250 M. For areas where permanent water loading is anticipated or the slope is <2deg, Acronal NX 3250 M is not recommended.

Acronal NX 3250 M contains a room temperature crosslinking monomer which achieves excellent adhesion to Polyurethane Foam, Galvanized Steel, Concrete, etc. If applied over an Asphalt roof it is recommended that a suitable primer be used to prevent the Asphalt bleed migration and subsequent discoloration.

### Processing

Acronal NX 3250 M is a mechanically stable anionic dispersion that can be pigmented and formulated into flexible coatings as shown by the starting formula in Table 1. Zinc Oxide or other Metal Oxides such as Calcium Oxide are necessary to achieve ionic type crosslinking of the polymer and excellent properties.

## 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 NX 3250 M

## Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

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