

# Acronal® ECO 6258 sa

## Polymer Dispersions for Architectural Coatings

**Product description** It's an aqueous dispersion of a styrene acrylic copolymer with advanced technology in relation to the environment, containing a UV crosslinking system.

**Chemical nature** Aqueous dispersion of a styrene acrylic copolymer.

### Key benefits

Acronal® ECO 6258 sa offers various formulation possibilities in architectural paints.

Possibility of formulating paints without the use of film-forming additives.

High resistance to wet scrub.

Low odor and "VOC" levels.

Its composition is free of solvents, formaldehyde, "APEO" and ammonia.

Exceptional alkaline and saponification resistance.

Superior resistance to dirt pick up.

### Properties

**Physical form** Liquid dispersion.

### Technical data

(no supply specification)

Solids Content	50%
pH Value	7.5 – 8.5
MFFT	~ 3 °C
Viscosity at 23 °C, 100 1/s, Sp2	20 – 200 mPa·s
Specific Gravity (Wet polymer)	~ 1.04 g/cm³

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## Application

Acronal® ECO 6258 sa, has attractive qualities to be used in primer-type formulations on cementitious substrates. It will provide high cohesion and adhesion on the subsequent paint layer (s). Its composition allows highly filled architectural paint formulations, delivering high hiding power and from very low gloss to intermediate gloss formulations. Very suitable for obtaining interior paint formulations.

Compatible with paint formulations containing silicate. Suitable for formulating textured finishes. The product can be used in formulations for grouts and fillings.

Product is completely compatible with our opacifying polymer AQACell® HIDE 6299, bringing cost reduction due lower TiO<sub>2</sub> consumption. Textures, putties and pastes are also feasible products to be obtained. For correct wetting of pigments, fillers and substrates we offer a full range of water-based additives under the brand name Hydropalat®.

Highly compatible with associative thickeners technologies like; Rheovis® HS 1303 or Rheovis® PU 1331 reaching Rheovis® HA 1162, Rheovis® PU 1191, the previous complemented with Attage® 40 or Attage® 50.

For the correct foam control on your water-based formulations you can choose the right ingredient like Foamaster® MO 2159, FoamStar® ST 2410 or FoamStar® ED 2522.

For film forming agents you can consider the usage of Loxanol® CA 5308 or Loxanol® CA 5310.

For dispersion of pigments and fillers options with: Dispex® AA 4140, Dispex® CX 4231, Dispex® CX 4345 or Dispex® ULTRA PA 4575. To bring water repellent effects you can consider Loxanol® MI 6840.

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## Storage

Acronal® ECO 6258 sa, must not be allowed to come into contact during storage with metals or alloys that are susceptible to corrosion. It is important to ensure that containers are kept tightly sealed, and the headspace of bulk storage tanks must be kept saturated with water vapor. This product must not be exposed to high temperatures, and it must be protected from frost.

Acronal® ECO 6258 sa, has a shelf life of six months from manufacturing date at 10°C – 30°C, provided it is stored in accordance with the "Handling and Storage of polymers" brochure. Technical information regarding the storage of BASF polymer dispersion products is available upon request.

We would recommend treating this product with a biocide to prevent problems with microorganisms from occurring during storage and processing. Further details are given in our leaflet on "The handling and storage of polymer dispersions".



### 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.

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BASF Chile S.A.

Dispersions & Resins

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