

# Construction

## Technical Data Sheet

# Acronal<sup>®</sup> S 735 P



**Chemical Nature** Re-dispersible polymer powder based on an aqueous, plasticizer-free, APEO free, anionic copolymer dispersion of acrylic acid ester and styrene.

### Properties

**Typical Properties**

Solids content,	%	ca. 99
pH (30% solution)		ca. 7 – 9

**Other properties**

Appearance		off white to yellowish
Form		powder, free flowing
Bulk density,	kg/m <sup>3</sup>	ca. 500
Tg	°C	ca. +20

\*These figures should be taken for comparison purposes only. All that can be obtained from it is an idea of the order of magnitude.

### Applications

**Area of application**

Acronal<sup>®</sup> S 735 P is used to improve and increase the flexibility, flexural strength, adhesion, abrasion resistance and water resistance of one-component, drymix construction products based on hydraulic cements. Acronal<sup>®</sup> S 735 P is effective in for low w/c ratio formulations and is APEO free

Acronal<sup>®</sup> S 735 P is used in 1 component, drymix, flexible, Tile Adhesives, Plasters, EIFS Basecoats, and products that need rapid polymer redispersibility for high polymer content, minimal slake time and less sticking to tools.

**Processing**

Typical dosage rate is 1% (rigid systems) 12% (high flexibility systems) by weight of cement.

Dry mortars that contain Acronal<sup>®</sup> S 735 P can be dry mixed with typical mixing equipment. Because the product is thermoplastic care must be taken to ensure that there is not excessive heat exposure.

Acronal<sup>®</sup> S 735 P is compatible with typical water reducers, rheology modifiers and defoamers such as Melment<sup>®</sup>, Melflux<sup>®</sup>, Starvis<sup>®</sup> and Vinapor<sup>®</sup>.

Construction products containing Acronal<sup>®</sup> S 735 P may discolor on exposure to sunlight, color stability should be evaluated.

## Safety

### General

The usual precautions when handling chemicals must be observed. This includes compliance with Federal, State and Local health and safety regulations, ventilation, protective clothing and goggles.

### Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Acronal® S 735 P.

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## Storage

Acronal® S 735 P has a shelf life of 12 months from delivery date when stored cool, dry, in the original packaging and pallets are not double stacked. Heat, moisture and pressure may cause lumps to form.

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BASF Corporation  
Dispersions and Pigments  
11501 Steele Creek Road  
Charlotte, North Carolina 28273  
Phone: (800) 251 – 0612  
Email: [edtech\\_info@basf.com](mailto:edtech_info@basf.com)  
[www.basf.us/dpsolutions](http://www.basf.us/dpsolutions)