

## Technical Information

# Acronal PS 715 I

Polymer Dispersion for Construction



### Chemical Nature

Acronal PS 715 I is an aqueous, anionic dispersion of a copolymer of styrene and acrylate that contains crosslinking functionalities.

### Application Areas

Acronal PS 715 I can be used to formulate different kinds of coats as primer, mastic waterproofing membrane, anti-carbonation coating and so on.

Due to its good elasticity and excellent crack bridging property it impacts a long-term durability to the building.

Mastic waterproofing membranes based on Acronal PS 715 I have good adhesion on various substrates and a good dirt pick-up resistance.

Acronal PS 715 I is ideal for exterior wall waterproofing applications to protect buildings from water leakage as well as from weather effects.

### Processing

It may be advisable to add film forming agent in amounts of 0.8 ~1.2% by weight to the wet component depending on the intended application.

To avoid air voids content increase during processing of Acronal PS 715 I, it is recommended to add defoamer i.e. Foamstar PB 2706. Additionally, dispersant could be added to achieve homogenous finish product.

It is strongly recommended to carry out your own trials when developing and processing products contains Acronal PS 715 I. This also includes testing the storage stability of customer's finish product.

### Technical Data

Solids content	49 - 51 %
pH value	9.0– 10.0
Viscosity DIN EN ISO 2555 RVT, 23°C	1000-4000 mPa · s
Density	approx. 1.04 g/cm <sup>3</sup>
Tg	approx. 7.5 °C
MTTF	Approx. <5 °C

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