

Technical Information

Acronal[®] 7530

Polymer Dispersions for Construction

Chemical Nature

Acronal[®] 7530 is an aqueous anionic dispersion of a copolymer of acrylic and styrene.

Application Areas

Acronal[®] 7530 can be used to formulate different kinds of coats as primer, bonding agent, mastic application, and so on.

Formulated products can improve adhesions of mortars or compounds on various substrates. Priming substrate with formulated Acronal[®] 7530 can also consolidate substrate by sealing and minimizing the porosity of substrate for next work, e.g. self-levelling compound. Primer formulated with Acronal[®] 7530 has good alkali resistance.

Trials must be performed in advance for each specific application, because the performance of Acronal[®] 7530 can be influenced by other additive and material involved.

Processing

Wetting agent i.e. Lutensol XP 80 is advisable to be added in the formulated product to

We recommend adding preservatives to finish product that contain Acronal[®] 7530 to protect them from microbial attack.

Customers have to carry out their own trials when developing and processing products based on Acronal[®] 7530. The compatibility of Acronal[®] 7530 with other ingredients of formulations, mixing processes, and its adhesion on different substrates, etc., are affected by a variety of factors which are too numerous for us to take into account in our own trials. This also includes testing the stability of its viscosity when it is stored at temperatures of ca. 50 °C.

Technical Data

Solids content	47 - 49%
pH value	6.0 – 8.0
Viscosity (23°C, RVT spindle 3 rpm 20 rpm)	400 - 1800 mPa · s
Density	approx. 1.04 g/cm ³
Tg	approx. 28°C

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