

# Acronal PLUS 7544

## Polymer Dispersions for Construction



### Chemical Nature

Acronal PLUS 7544 is an aqueous inorganic and organic hybrid multi monomer binder designed for high performance flexible roof coating application. It is free of APEO and formaldehyde.

### Application Areas

Acronal PLUS 7544 provides supreme performance compared to other acrylic coatings for enhancing durability of roof applications. Its high mechanical strength and good resistance to hydrostatic pressure helps to deliver a elastic and durable coating to protect roofs from water seepage as well as from weather. It can be used for super performance mastic waterproofing membranes.

Due to its high cross-linked and recovery properties, it imparts a constant low water absorption over long period of time, excellent adhesion to multi substrates such as concrete and metal. Acronal PLUS 7544 also delivers excellent crack bridging property and resistance to chemicals including acid, basic and chlorite.

### Processing

To achieve high tensile strength and avoid blistering, it is highly recommended to use BASF guiding formulation.

Formulations contain pigments and fillers have to contain dispersing agents such as Dispex AA 4140 or Dispex CX 4320 in sufficient quantities to ensure that they remain stable in storage.

To avoid air voids content increase during processing of Acronal PLUS 7544, it is recommended to add defoamer i.e. FoamStar MO 2150 in amount of 0.2 -1.0% by weight of liquid component.

Customers have to carry out their own trials when developing and processing products based on Acronal PLUS 7544. The compatibility of Acronal PLUS 7544 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

<b>Solids content</b>	60 - 62%
<b>pH value</b>	7.0 – 9.0
<b>Viscosity RVT (23 °C, Spindle 6, 20 1/min)</b>	3,000 – 10,000 mPa·s

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