

**Technical Information**

# Acronal<sup>®</sup> PLUS 7544

## Polymer Dispersions for Construction

**Chemical Nature**

Acronal<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> PLUS 7544 also delivers excellent crack bridging property and resistance to chemicals including acid and basic etc.

**Processing**

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

To avoid air voids content increase during processing of Acronal<sup>®</sup> PLUS 7544, it is recommended to add defoamer i.e. FoamStar FB 2706 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<sup>®</sup> PLUS 7544. The compatibility of Acronal<sup>®</sup> 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
-----------------	-----------

**Viscosity**

<b>RVT, 23°C</b> sp6/20rpm	3000-1000 mPa · s
-------------------------------	-------------------

BASF East Asia Regional Headquarters Limited  
Dispersions & Resins Asia Pacific  
45<sup>th</sup> Floor, Jardine House  
No.1 Connaught Place,  
Central, Hong Kong  
Tel: + 852 2731 0111  
Email: [dispersions\\_apac@basf.com](mailto:dispersions_apac@basf.com)  
[www.dispersions.asiapacific.basf.com](http://www.dispersions.asiapacific.basf.com)

The data contained in this publication are based on our current knowledge and experience. They do not constitute the agreed contractual quality of the product and, in view of the many factors that may affect processing and application of our products, do not relieve processors from carrying out their own investigations and tests. The agreed contractual quality of the product at the time of transfer of risk is based solely on the data in the specification data sheet. Any descriptions, drawings, photographs, data, proportions, weights, etc. given in this publication may change without prior information. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

Edition: Jan. 2020

TI/ED 2230 e

This data sheet will be rendered invalid if it is superseded by a later version.