

Xyntra®

Xynpol PA313H

Water based hydrosol, pure acrylic dispersion



Product Summary

Xynpol PA313H is an ultra-fine particle size, pure acrylic dispersion. Xynpol PA313H is particularly recommended for use as a binder for plasters and textured masonry coatings including exterior applications.

Properties and Applications

Xynpol PA313H is a hydrosol dispersion with an ultra-fine particle size, a flexible pure acrylic binder with excellent exterior durability. It is very suitable in formulation of emulsion bound plasters and textured masonry coatings offering early water resistance development.

Xynpol PA313H is also very suitable for priming masonry and plaster substrates in interior applications, where it reduces suction, coating and colour variability.

Xynpol PA313H also can be used in manufacture of high gloss shoe and leather care polishes. Suitably formulated it provides tough, flexible, water resistant and buffable films.

Typical Physical Properties

Solids Content/ % (ISO 3251)	39 - 41
Viscosity at 23°C / mPa.s Brookfield RVT 1/20 (ISO 2555)	25 - 180
pH (ISO 976)	4.0 - 5.5

Additional Data

Dispersion

Average Particle Size/nm	Approx. 60
Minimum Film Forming Temperature/ °C (ISO 2115)	Approx. 8
Density at 20°C/ g/ml (ISO 2811-1)	1.05

Film

Appearance	Clear tack-free
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Properties and Applications (cont.)

The design of the particle size distribution of the polymer system confers excellent penetration, whilst minimising foaming tendency. The dispersion then binds the substrate, consolidating and reducing chalking.

Formulating Xynpol PA313H into a basic sealer formulation is a straightforward procedure: The product is diluted 1:1 with water in order to achieve the correct viscosity, substrate wetting and penetration properties. It is also necessary to add a suitable in-can biocide.

The formulation does not require the addition of coalescing solvent, nor additional wetting agent.

Health, Safety and Storage

Xynpol PA313H is a non-dangerous product within the meaning of the current REACH Regulation. A Safety Data Sheet is available on request.

To prevent attack by micro-organisms, the preservatives normally used for polymer dispersions should be added on formulating or diluting despite our preliminary preservation measures. Checks should be carried out to determine their compatibility and efficacy.

Xynpol PA313H should be stored in the original and unopened containers for no longer than 6 months before processing.

As far as possible, storage should be at a uniform temperature between 5 and 35°C. The product should be kept away from frost.

The technical data ascertained by our quality control laboratory at the time of product release may vary according to the storage time and conditions and may deviate from the stated limits.



کیمیا اکسیر آریسا

Kimya Exir ARISA

Supplier of Raw Material in Paint, Coating, Construction and Plastic

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