

PRESENTATION

DESCRIPTION

ADHEPOL is a water-based dispersion of polyvinyl resins that can be mixed with the mixing water of cement- and lime-based mortars and concrete (see note below).

ADHEPOL is also used as a wood adhesive or in the labelling industry, among others.

It can be used with most hydraulic binders.

FIELD OF APPLICATION

ADHEPOL is an emulsion developed from a combination of high-quality polyvinyl acetate resins from the homopolymer family.

ADHEPOL has good compatibility with pigments, fillers, and other additives.

Mortars and concrete :

Note: Contrary to what one might think, the sticky effect disappears upon contact with water and the high pH of cements. This effect is even faster with natural limes, which have an even higher pH. In fact, the product undergoes saponification in these mixtures, making them easier to apply.

Therefore, in such cases, one should not expect improved adhesion or hydrophobicity with ADHEPOL, except for a limited time. This duration varies depending on the percentage of ADHEPOL used and the pH of the binder.

These adhesion and hydrophobic properties can be achieved with the product ADHECRYL.

ADVANTAGES

ADHEPOL provides better adhesion for all products with a neutral pH.

This is why it is also commonly found in the formulation of adhesives for packaging and woodworking.

TECHNICAL SPECIFICATION

IDENTIFICATION DATA	
State	Liquid
Appearance	White emulsion with low viscosity
Color	White
Density	1.05 kg/l
Polymer type	PVAc
Emulsifying system	Polyvinyl alcohol
Viscosity (RVT 20 rpm, 20°C)	9,000 – 15,000 mPas
Total solids content	49.0 – 51.0%
pH	4.0 – 5.0
Packaging	1 L bottles, 5 L jerrycans
Storage	6 months in a dry place, protected from frost and without contact with the ground, in the original sealed packaging. Never expose the product to direct sunlight.
Customs classification	
APPLICATION INFORMATION	
Consumption	1 to 5% of the binder weight when used as an admixture
FINAL CHARACTERISTICS	
Film appearance	Matt, semi-transparent
Surface	Non-sticky

Refer to the legal information at the end of the document

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APPLICATION**INSTRUCTIONS FOR USE**

ADHEPOL can be used pure or diluted, depending on the type of adhesive to be formulated.

As an additive to the mixing water of cement- or natural lime-based mortars and concrete, ADHEPOL is generally used at a rate of 1 to 5% of the weight of the cement and/or lime.

In specific cases, the dosage can go up to 10%.

MISCELLANEOUS**WARNINGS**

Our products are sensitive to humidity, frost and heat. Always store them in a dry place, away from frost and without contact with the ground, in the closed original packaging. Never leave products in direct sunlight.

ADVICE

Follow the application instructions exactly, according to the purpose of the product. Never use products other than those shown in this technical data sheet, to avoid any risk of things going wrong.

Always carry out tests.

For a single site and for each product type, always use products bearing the same batch number.

ENVIRONMENT

Dispose of in a specialized waste collection center.

SAFETY

Wear gloves.

The safety data sheet is available on request or at www.bealinternational.com

LEGAL INFORMATION

The technical instructions and in particular the recommendations about how to apply and use the products are provided in good faith and are based on the current knowledge and experience acquired by BEAL about its products when they are properly stored, handled and applied under normal conditions. In practice, variations in the various materials, substrates and specific conditions encountered on site are such that adhering to this information or to any written recommendation or advice given does not deliver any guarantee of marketable quality other than the statutory guarantee against hidden defects. We accept no liability should the customer fail to adhere to our instructions or recommendations when applying a product. None of the data and information provided relating to the use and application of our product releases customers from the requirement to conduct their own checks and tests. All orders are accepted subject to our current general terms and conditions of business. It is essential that users read the most recent version of the instructions for the product in question, which will be sent to them on request.

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