

# APSEHOLD

POLYMER MIXTURE FOR THE STABILISATION  
AND PROTECTION OF GRAVEL AND CRUSHED  
STONE

## DESCRIPTION

APSEHOLD is a whitish mixture of polymers in an aqueous dispersion, characterised by high plasticity, elasticity and adhesion.

## FIELDS OF USE

APSEHOLD has been designed to prevent gravel and crushed stone from shifting on paths, courtyards and decorative surfaces.

When applied by spraying, it is used for decorative purposes.

When applied as a mixture, it can be used for decorative purposes or for occasional foot traffic.

## PACKAGING

5-litre drums

## CONSUMPTION

Spray application: approx. 140 ml/m<sup>2</sup> per coat

When mixed: approx. 5 L per 125 L of aggregate

## MIXING RATIO

Volume ratio for use in a mixture:

1 part APSEHOLD + 25 parts crushed stone

## FEATURES AND BENEFITS

Water-based, non-toxic product.

Easy to apply.

Does not affect the colour of the aggregates.

Operating temperature range: +50°C to -20°C

## CERTIFICATIONS

ISO 9001 certified quality management system (Certificate No. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



## SUBSTRATE PREPARATION

The stones must be washed and dry.

For spray application, ensure that the stones are evenly distributed across the entire surface.

## PRODUCT PREPARATION

APSEHOLD is ready to use. Shake well before use.

We recommend using an airless sprayer.

## METHOD OF APPLICATION

### Spray application:

Apply the first coat of product to the surface of the stones using a slow, controlled spray to ensure even distribution. Use a rake to move the stones so that the product coats the entire surface evenly.

Apply the second coat by spraying and compact the surface with a metal trowel to improve adhesion.

Wait 24 hours and apply the third coat by spraying evenly.

### Application in a mixture:

Pour APSEHOLD into a bucket containing the stones in a ratio of 1:25 by volume.

Mix until all the material is evenly coated.

Pour the mixed material onto the desired area.

Ensure that the substrate is permeable to allow for complete drainage.

Compact the crushed stone with a metal trowel to improve adhesion.

The effectiveness of the treatment varies depending on the size of the aggregates and the required thickness. For details, refer to the table "CHARACTERISTICS OF THE FINAL LAYER".

## CLEANING OF TOOLS

The tools used for application can be cleaned with water immediately after use, or mechanically once the product has cured.

## WARNINGS

Do not dilute.

Use only clean, dry stones.

Apply in dry weather when the temperature is above +7°C.

After application, ensure at least 3 days of warm, dry weather to allow the product to cure properly.

Not suitable for surfaces subject to vehicle traffic, heavy foot traffic, or where chairs, tables and other furniture will subsequently be placed.

## HEALTH AND SAFETY

For information on safety regulations, hazard statements and precautionary advice, please rely on the latest MSDS by making a request to:

[ufficiotecnico@apsebg.it](mailto:ufficiotecnico@apsebg.it)

## STORAGE

Shelf life of more than 12 months when stored in original packaging in a dry, moisture-free place. Store at temperatures between +5°C and +35°C. It is frost sensitive.

## DISPOSAL

Dispose of contents and/or container in accordance with local regulations.

## PRODUCT TECHNICAL DATA

### PHYSICAL CHARACTERISTICS (at +20°C)

CHARACTERISTICS	STANDARD	RESULT
Appearance	-	Liquid
Colour	-	Milky white
Volume density	EN 1015-6	1.00 ± 0.1 g/cm <sup>3</sup>

### CHARACTERISTICS OF THE TOP COAT

LAYER THICKNESS	FINAL RESULT
<8 mm	NOT RECOMMENDED
8-12 mm	GOOD
13-20 mm	EXCELLENT
21-24 mm	GOOD
>24 mm	NOT RECOMMENDED

AGGREGATE SIZE	FINAL RESULT
<3 mm	NOT RECOMMENDED
3-5 mm	EXCELLENT
5-8 mm	EXCELLENT
8-12 mm	EXCELLENT
12-16 mm	GOOD
>16 mm	NOT RECOMMENDED

The data given above are information obtained from our best technical knowledge, application, and research experience. However, since we are unable to intervene directly in site conditions and work execution, they represent general indications that do not bind APSE S.r.l. in any way. - V&V Group. The information given does not relieve the purchaser of his responsibility to personally test our products as to their suitability with regard to their intended use. The customer is also responsible for verifying that this data sheet is valid for the batch of product of interest to him and is not outdated as superseded by later editions. If in doubt, contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and supersedes any previous revision, all under the continuous verification of the data according to the new current Standards and our ISO 9001 management system. Please feel free to check the most up-to-date version of this Data Sheet on our website: [www.apse.it](http://www.apse.it)

