

COLORI ACIDI

ACID COLORS

ACID-BASED INORGANIC CONCENTRATES

DESCRIPTION

COLORI ACIDI - ACID COLOURS are compounds based on metal salts and various types of buffered acids.

FIELDS OF APPLICATION

They are applied to the concrete screed and undergo a chemical reaction with it that produces coloured salt crystals which fill the micro-pores in the screed, permanently colouring the surface.

Effects resembling various types of marble or natural stone can be achieved. Standard colours are available, with which a wide range of shades can be created. Acids may produce different colours when used on different types of concrete; therefore, it is always advisable to carry out a colour test before proceeding with the work.

Suitable for use on both interior and exterior surfaces (with the exception of certain colours, which are recommended for interior use only).

PACKAGING

5 L container

CONSUMPTION

125 ml/m² per coat.

Consumption may vary depending on the type of substrate, the colour, porosity and curing of the concrete, and weather conditions.

CERTIFICATIONS

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

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



AVAILABLE COLOURS

- Amber;
- Brown;
- Ebony;
- Terracotta;
- Jade;
- Turquoise;
- Olive.

SUBSTRATE PREPARATION

• On existing concrete

The surface must be free from any surface treatments, thoroughly degreased, clean and washed; once dry, it must be water-permeable; if water 'beads' on the surface, further cleaning by sandblasting or grinding will be required.

• On new concrete

The concrete must have been left to cure for at least 28 days, and its surface must not have been treated with release agents, curing compounds, resins or any other coating product.

Mask off with tape and protect any surrounding areas that are not to be treated.

METHOD OF USE

COLORI ACIDI - ACID COLORS should be applied generously using a spray gun and immediately rubbed in using circular motions with a brush or soft broom; wait until the first coat is completely dry and apply a second coat using the same method.

Allow the solution to act for at least 4–5 hours and assess whether further applications are required, depending on the desired final result. Wash the surface with water between each applications.

The final appearance may vary depending on the type of substrate, its porosity, the type of concrete used and weather conditions.

Once the reaction time following the last application has elapsed, wash with water and bicarbonate of soda, then rinse with clean water and allow to dry. Washing with bicarbonate of soda is absolutely essential to alkalise the surface.

FINISHING COAT

To protect the flooring, we recommend applying two coats of METALCRIL 20 J.

If you wish to improve the flooring's anti-slip properties, apply VERNILUX POL TR, which is reinforced with glass microspheres.

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MAINTENANCE

Floors treated with COLORI ACIDI-ACID COLORS need only be washed with soap and water or household cleaning products. Indoor floors can be treated with floor wax.

WARNINGS

We recommend using the colours JADE, OLIVE and TURQUOISE exclusively for indoor applications and in areas free from moisture, as the reaction of metal salts under certain conditions of humidity produces copper oxide, which forms dark patches on the surface.

COLORI ACIDI - ACID COLORS does not conceal cracks, defects or other construction flaws. The colour produced by COLORI ACIDI - ACID COLORS may vary from surface to surface, depending on the concrete mix, the water-to-cement ratio, weather conditions, the application method and the number of coats applied. Always carry out tests on the surface to be treated.

HEALTH AND SAFETY

For information on safety rules, hazard statements and precautionary advice, refer to the latest safety data sheet by requesting it at:

ufficiotecnico@apsebg.it

STORAGE

Shelf life of 12 months if stored in original packaging, in a dry place free from moisture. Store at temperatures between +5°C and +35°C. Protect from freezing.

DISPOSAL

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

The above data are information obtained based on 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 all previous ones, all under the continuous verification of 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

