

Seire

SEIRECOLOR

Synthetic resin dispersion-based anti-carbonation coating

Low odour.

Easy to apply.

Applicable on concrete and asphalt.

Impermeable to carbon dioxide.

Impermeable to liquid water.

Permeable to water vapour.

Hygienic and easy to clean.

For smooth finishes.

Weatherproof.

For indoor and outdoor use.

Vertical and horizontal application.



SEIRE PRODUCTS, S.L.

P.I. Albolleque, Sector III

C/Los Muchos, 34-36

19160 – Chiloeches (Guadalajara)

T. +34 902 124 411

F. +34 902 124 414

seire@seire.net

SEIRECOLOR

Synthetic resin dispersion-based anti-carbonation coating

Product description:

SEIRECOLOR is a single-component coloured paint, with medium viscosity, based on water-based acrylic resin dispersion. SEIRECOLOR makes coated surfaces impermeable to water and CO₂, provides for easy cleaning and low-medium mechanical and chemical performance and easy maintenance. Matte satin finish.

After hardening, SEIRECOLOR is impermeable to water and CO₂, resistant to chemical agents, frost and weathering and is water vapour breathable. Once hardened, SEIRECOLOR can be washed with plain water or detergent.

Applications:

Protection of concrete structures and building elements.
Anti-carbonation paint over concrete.
Finishing of facades and interior decoration for both residential and industrial buildings.
Termination of sports flooring.
Housing access, pavements, traffic islands, etc.
Colour layer for asphaltic agglomerates.
Indoor and outdoor use.

Substrate Preparation:

Ensure substrate is hard, solid and free of dust and other loose particles such as paint, limescale, mortars, plasters, adhesive residues, etc., which may impair adhesion to the substrate. Concrete surfaces can be moist but not wet. Remove all traces of varnish, waxes, fats, oils and similar contaminants prior to mechanical preparation. Mechanically treat any concrete surfaces which are contaminated, using sanding or diamond tools, and then vacuum. Properly treat and seal all joints or gaps in the concrete substrate where differential movement is expected (for example expansion joints).

Priming:

Depending on substrate absorption, substrate must be primed with ACRISIL IMPRIMACIÓN before applying SEIRECOLOR or with the same SEIRECOLOR diluted with 5 to 10% water. Ensure proper ventilation during application and curing, especially in confined spaces.

Recommendations:

SEIRECOLOR should be stirred before use.

Limitations:

Do not use SEIRECOLOR where ambient and/or substrate temperatures are less than 10°C or less than 3°C above the dew point. Do not use where ambient and/or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%. Avoid prolonged stagnation of water which may cause softening. All SEIRE products are manufactured subject to rigorous quality controls and procedures; however, if strict colour consistency is required, you are advised to use products taken from the same lot.

Method of application:

Can be applied by brush, roller or mechanical spraying. For optimal durability, apply two coats with an interval of 24 hours between them.

Consumption:

Approximate consumption of SEIRECOLOR is 0.5 kg/m² in two coats, depending on the substrate.

Tool cleaning:

SEIRECOLOR can be cleaned from tools and equipment immediately after use using water. If the product is allowed to harden, it will have to be removed mechanically or using organic solvents.

Residues/spillages:

Any spillage from any product must be removed immediately with sand, vermiculite or other inert material and collected in a suitable container for proper handling and treatment. Residues from spillage and empty containers must be dealt with in accordance with local regulations. See product safety sheet for further information.

Storage:

SEIRECOLOR can be stored for up to 6 months in its original unopened packaging. The product should be stored in a dry place between +5°C and +30°C. Keep away from frost, direct sunlight and sources of heat.

Precautions:

In case of contact with skin, wash with soap and water. If applying indoors, ensure that the site is well ventilated. Once dry, the product is physiologically and ecologically neutral. For more information, see product safety sheet.

Technical data

(based on tests conducted in our laboratory according to current regulations)

Density:	Approx. 1.4kg/l
Yield:	0.5kg/m ² in two coats and depending on substrate.
Solid content:	62% by weight.
Dry to touch (20°C, humidity <50%):	After 6h approx.
Initial curing (20°C, humidity <50%):	24 hours
Total cure:	7 days
Packaging:	Pots of 25kg net
Storage:	Approx. 6 months in a dry place and in original unopened packaging.

	
SEIRE PRODUCTS SL. C/ Los Muchos P.I. Albolleque Sector III 19160 Chiloeches- Guadalajara Spain 15	
15857 UNE EN 1504 - 2 SEIRECOLOR Surface protection Acrylic dispersion coating	
CO₂ permeability	Sd < 50m
Water vapour permeability	Class I (Sd < 5m)
Absorption by capillarity	W < 0.1Kg/m ² .h ^{0.5}
Adhesion:	≥ 2 N/mm ²
Reaction to fire:	Class F
Hazardous substances	Complies with 5.3

Seire takes responsibility for the quality of its products. The application recommendations given are based on tests and practical experience. We will not be held responsible for the product or its application in case of any dosage or application other than as described and recommended. For any questions about this product, please contact our Technical Department. This data sheet remains valid until a new edition is issued.

Edition: March 2016

