

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



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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 curing, SEIRECOLOR is impermeable to water and CO₂, resistant to chemical agents, frost and weathering and is water vapour breathable. Once cured, 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:

The substrate must be hard, solid and free of laitance, grease, oils, waxes, dust or other loose particles such as paint, release agents, limescale, mortar, plaster, adhesive residues, etc., which may impair adhesion to the substrate.

Concrete surfaces can be moist (max 6%) but not wet or waterlogged.

Substrate preparation must be prepared with specialist machinery; sanding, milling or diamond tools depending on the state of the substrate. Subsequently, a vacuum will be carried out.

Properly treat and seal all joints or gaps in the concrete substrate where differential movement is expected (for example expansion joints).

Priming:

Prior to applying SEIRECOLOR, depending on substrate absorption, substrate must be primed 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.

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.

Limitations:

Do not use SEIRECOLOR where ambient and/or substrate temperatures are less than 5°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 applications in situations of rain and/or strong wind or when frost is expected.

Avoid prolonged stagnation of water which may cause softening.

Method of application:

Can be applied by brush or roller.

Whenever necessary, the material can be applied by air-less (200 bar, nozzle 417).

For optimal durability, apply two coats with an interval of max 24 hours between them.

Consumption:

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

Cleaning of tools and equipment:

SEIRECOLOR can be cleaned 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 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 9 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:

Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.

Wear safety goggles and gloves while mixing and during application.

If applying indoors, ensure that the site is well ventilated. For further information, see the product safety sheet. Once dry, the product is physiologically and ecologically neutral.

For further information please see the product safety data sheet.


Technical data

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

Density:	Approx. 1.3kg/l
Yield:	0.5kg/m ² in two coats and depending on substrate.
Solid content:	62% by weight.
Recoatability (20°C, humidity <50%):	After 6h approx.
Total cure:	7 days
Packaging:	Kits of 25kg
Storage:	Approx. 9 months in a dry place and in original unopened packaging.

SEIRECOLOR

Synthetic-resin-dispersion-based anti-carbonation coating

	
SEIRE PRODUCTS SL. C/ Los Muchos P.I. Albolleque Sector III 19160 Chiloeches- Guadalajara Spain 15	
15857 UNE EN 1504 - 2 SEIRECOLOR Surface protection 1.3 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.

Seire will not be held responsible for the content of technical data posted on websites other than the official Seire website (www.seire.net).

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ARDEX GROUP