



Alsicolor Carbon

Carbonfaserverstärkte Siliconharz-Fassadenfarbe

Alsicolor Carbon: Carbonfaserverstärkte, füllende Siliconharzfarbe mit Hydrobalanc-Effekt für Putze und mineralische Untergründe, die extremen Witterungsbedingungen und Feuchtigkeitseinwirkungen ausgesetzt sind. Für die Verwendung auf Putzen der Mörtelebene (P 1,2) nicht geeignet. **Verarbeitungstemperatur:** Während der Verarbeitung und Trocknung dürfen Temperaturen von +5 °C nicht unterschritten werden. **Lagerung:** Kühl, frostgeschützt, herber in original verschlossener Verpackung mindestens 1 Jahr ab Herstellungsdatum. **VOC-Angebot:** (EU-Grenzwert für den VOC-Gehalt dieses Produktes (Art. 40 (2)(b)), dieses Produkt enthält max. 1 g/l VOC. **Stoffkennzeichnung:** R 12/21. **Schädlich für Wasserorganismen:** kann in Gewässern längerfristig schädliche Wirkung haben. S 23 Bei nicht in die Hände von Kindern gelangen. S 20 Bei Berührung mit den Augen sofort gründlich mit Wasser abspülen und Arzt konsultieren. S 28 Bei Berührung mit der Haut sofort abwaschen mit viel Wasser und Seife. S 29 Nicht in die Kanalisation, Gewässer oder ins Erdreich gelangen lassen. **Weitere Informationen siehe Produkt- und Sicherheitsdatenblatt!**

Alsicolor Carbon: Carbon-fibre reinforced, filling silicone resin paint with hydrobalance effect for renders and mineral substrates exposed to extreme weather conditions and moisture. Not suitable for use on plasters in mortar group P1 s.b. **Application temperature:** During application and drying, temperatures must not fall below +5 °C. **Storage:** Cool, frost-protected, storable in original sealed container for at least 1 year after manufacturing. **VOC value:** EU limit value for the VOC content of this product (Category A1H, 40 g/l (2010)). The product contains 1 g/l VOC max. **Safety precautions:** R 12/21 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S 23 Keep away from children. S 20 In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. S 28 After contact with skin, wash immediately with plenty of soap and water. S 29 Keep away from sewerage. **For further information, see technical data sheet and safety data sheet!**

Alsicolor Carbon: Peinture de revêtement gâchée à base de résine silicone renforcée en fibre de carbone avec effet hydrobalancé. Pour enduits et supports minéraux soumis aux fortes intempéries et une hygrométrie élevée. Non adapté pour l'application en état humide. **Stockage:** Au frais, hors gel, se conserve au moins un an dans son emballage d'origine non ouvert, dans des conditions de production. **COV:** Teneur maximale en COV en UE pour ce produit (catégorie A1H): max. 40 g/l (2010). Teneur en COV du produit: max. 1 g/l. **Consignes de sécurité:** R 12/21 Ne pas polluer les organismes aquatiques, peut provoquer des effets néfastes à long terme. S 23 Conserver bien de portée des enfants. S 20 En cas de contact avec les yeux, rincer immédiatement à grande eau et consulter un médecin. S 28 En cas de contact avec la peau, nettoyer immédiatement à grande eau et au savon. S 29 Ne pas verser dans la canalisation, les eaux ou la terre. **Pour toute autre information consulter le Fiche technique et la Fiche de données de sécurité!**



Date / Date Charge No. / Batch No. (4th de lit) Art. Nr. / No. | n° art Farbe(n) / Color / Teinte Inhalt / Content

FASSADENFARBE



Information Alsicolor Carbon

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Carbon-fibre reinforced silicon-resin facade paint



AREAS OF APPLICATION

Carbon-fibre reinforced, filling silicon resin paint with Hydrobalance® effect for renders and mineral substrates, which are exposed to extreme weather influences and high humidity.

Particularly suitable in base areas.

Not suitable for application on renders in the mortar group PI a,b.

PRODUCT PROPERTIES

- Highly water-repellent
- Contains special pigments with a photocatalytic effect and a nanostructured pigment/filler package
- High level of protection against microbial infestation when using a minimum of two coats
- Minimal soiling tendency due to Hydrobalance® effect
- Highly water-vapour permeable
- Very high degree of opacity
- Resistant to air pollutants
- Extremely easy to apply
- Very good coverage of caps
- Matt
- Non-chalking
- UV resistant
- Carbon-fibre reinforced
- Stress-relieved
- Can be chased into fine cracks in render
- Increased freeze-thaw resistance with exposure to deicing salts, on the basis of DIN EN 13687-1

TECHNICAL DATA

Binder base

Nanohybrid additive
Silicone resin emulsion

Classification in acc. with BFS data sheet 26:

Class A
Pigment group 1 (for all colours in the alsecco Creativ-Color-System 2.0 marked with *)
Pigment group 2 or 3 (for colours in the alsecco Creativ-Color-System 2.0 not

	marked with *, classification upon request)
Specific gravity	approx. 1,5 g/cm ³
Diffusion-equivalent air-layer thickness	s _d : approx. 0,01 m according to DIN EN ISO 7783 Class V ₁ (high) according to DIN EN 1062
Water permeability	w: approx. 0,03 - 0,05 kg/(m ² h ^{1/2}) according to DIN EN 1062 Class W ₃ (low) according to DIN EN 1062
VOC value	EU limit value for the VOC content of this product (cat. A/c): 40 g/l (2010). This product contains < 20 g/l VOC.

APPLICATION INSTRUCTIONS

Substrate pre-treatment All substrates must be dry, clean and free of any residue, which can reduce adhesiveness.
Prime highly absorbent mineral substrates with Alsicolor Primer W or Hydro penetrating primer. Reinforce with Hydro penetrating primer if necessary.
Pretreat substrates according to the following specifications:

Substrate	Treatment
Mineral and resin dispersible textured render, weathered	Hydro penetrating primer
Mineral and resin dispersible textured render, in mint condition	None
Mineral undercoat render surfaces, weathered	Hydro penetrating primer
Old coats, chalking	Hydro-Tiefgrund
Chipping, unstable old coats	Remove

Application Apply at least two coats of Alsicolor Carbon using a brush or roller.
1st coat diluted with a max. of 10 % water.
2nd coat diluted with a max. of 3 % water.

Consumption approx. 200 - 250 ml per layer per m²
Determine the precise material requirements by means of a trial coating on the object.

Information about the weather There cannot be temperatures below + 5 °C during application and drying.
Do not apply in direct sunlight, during strong winds or on warm substrates.

Drying time approx. 12 hours
Dependent on temperature and relative humidity.

Cleaning of tools In a fresh state with water.



STORAGE

Shelf life in original sealed packaging of at least 1 year when kept cool and protected against frost.

PACKAGING INFORMATION

Colour	White and pigmented.
Packaging unit	PP bucket approx. 15 l

OTHER INFORMATION

This products provides a high level of protection against microbial infestation, a permanent exclusion of infestation cannot be guaranteed.

If dark colours have been applied, mechanical stress can cause lighter streaks to appear on the surface (writing effect). This is a product-specific characteristic (common to all matt façade paints) and does not have any bearing on the quality and functionality of the product.

If the substrate is dense and cool or if the drying process is delayed due to adverse weather conditions, the effect of moisture (rain, dew, mist) can cause additives to rise to the surface of the coating. The effect is dependent on the intensity of the colour. These additives are water-soluble and are automatically removed with sufficient water, e.g. in the course of further weather. This does not impair the quality of the dried coating.

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Giscode	M-SF01 silicone resin paints, water soluble, active substances

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.



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