

PRODUCT DATA SHEET

Sikagard® P 310

(formerly MProtect P 310)

White primer free of solvents with stabilizing effects.

DESCRIPTION

Sikagard® P 310 is a water-based, ultra-fine acrylic mixture that will be used as primer for acrylic paints and other organic finishing coats.

USES

Sikagard® P 310 stabilizes and improves mineral substrates that are treated/covered with an acrylic finishing coat such as Sikagard®-320 or Sikagard®-330 EL or other organic paints.

This product improves the adhesion and minimizes the consumption of these coatings.

FEATURES

- Deep penetration in the substrate and will diminish the porosity of the substrate.
- Stabilizes the substrate.
- Improves the adhesion.
- Water vapour permeable.
- May be applied to a damp surface – mildew resistant.
- Ready to use.
- Application equipment can be cleaned with water.
- Respects the environment: water-based and free of solvents.

CERTIFICATES AND TEST REPORTS

CE marking according to EN 1504-2

BENOR certificate according to EN 1504-2

PRODUCT INFORMATION

Packaging	Sikagard® P 310 is packed in cans of 20 litres.
Colour	Transparent (after curing)
Shelf life	Sikagard® P 310 can be stored for 12 months.
Storage conditions	Store max. 2 cans high, away from moisture and frost, clear of the ground and protected against direct sunlight. Store in the original, closed packaging.
Density	1,012 kg/l (at 25°C)
pH-Value	7,6
Solid content by mass	10 %

APPLICATION INFORMATION

Consumption	The consumption strongly depends on the porosity and the profile of the substrate. Consumption 0,05 à 0,20 l/m ² .
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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Fresh concrete and masonry should dry enough; until residual moisture content of $\pm 10\%$.

SUBSTRATE PREPARATION

Hardness and durability of concrete are increasingly important parameters for the preparation of the support. This is particularly valid for repair and/or protection of concrete formulated according to the most recent concrete technology. It is therefore recommended to determine a diagnosis in advance, to adapt choices and the way how to prepare the support to these parameters. Consult your Sika representative for additional information.

The surface must be dry, free of coatings, completely clean and sound, free of agents, dust, oil and all loose parts.

It is necessary to treat any mold with a fungicide.

Cleaning with high water-pressure, sand or grit blasting is recommended.

If necessary, cracks should be repaired with one of the SikaEmaco[®]-products.

Substrates containing blowholes and minor irregularities should be re-surfaced.

In case there should be any doubt concerning the quality of the substrate, please contact Sika.

MIXING

To obtain a uniform mixture, stir the Sikagard[®] P 310 before use.

APPLICATION

Do not apply Sikagard[®] P 310 when the ambient temperature or the substrate temperature is below 5°C and will drop below 5°C within 24 hours.

The surface should be light pretreated to ensure a decrease of the surface tension and to achieve optimally penetration.

Apply Sikagard[®] P 310 homogeneously with paintbrush, roller, airless or conventional spraying equipment.

Porous and friable substrates will require two coats which should be applied wet-on-wet.

CURING TREATMENT

Sikagard[®] P 310 should be allowed to dry before the application of a finishing coat.

The curing time depends on climatic conditions. The respected time between 2 layers should be min. 4 hours at 20°C and relative humidity lower than 70%.

CLEANING OF EQUIPMENT

Immediately after use clean application equipment thoroughly with water.

Dry spillages can be removed using xylene.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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