

PRODUCT DATA SHEET

Bitumen Undercoat

PHYSICALLY DRYING BITUMINOUS COATING

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Color (CQP001-1)	Black	(gloss: flat)
Density	Approx. 1.4	kg/L
Solid content	68% ± 2	by volume
Film thickness	100 microns	(Recommended)
Drying time	Set to touch 5°C 20°C 30°C 4 hours 1 hours 0.5 hours	Dry through 5°C 20°C 30°C 48 hours 20 hours 12 hours
Shelf life	12	months

DESCRIPTION

Bitumen Undercoat is an air-drying bituminous based high-build coating. It forms flexible and tough film with very good resistance to water, seawater and corrosive environment. It has excellent adhesion to steel or concrete substrate.

PRODUCT BENEFITS

- Good chemical resistance
- Fast drying
- Excellent water/seawater resistance
- Excellent workability

AREAS OF APPLICATION

This product is suitable for experienced professional users only.

- Steel reinforcement bars in concrete or as a coating system for the interior and exterior of concrete pipes.
- Under-coat for container or automobile

METHOD OF APPLICATIONAirless spray

- Nozzle orifice : 0.021~0.031 inch
- Nozzle pressure: 180 bar / 2600 psi

Air-spray

- Nozzle orifice : 1.8~2.0 mm
- Nozzle pressure: 40~60 psi

Brush/Roller

- For stripe coating and spot repair only

Surface preparation

New steel: Abrasive blasting to ISO-Sa 2 or mechanical cleaning to St 3. For temporary protection, if required, use a suitable shopprimer. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting.

Concrete: Remove slip agent and other possible contaminants by emulsion washing followed by high pressure hosing with fresh water. Remove scum layer and loose matter to a hard, rough and uniform surface, preferably by abrasive blasting, possibly by other mechanical treatment or acid etching. Seal surface with suitable sealer, as per relevant painting specification.

Maintenance: Remove any oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Remove all rust and loose material by abrasive blasting or power tool cleaning. Dust off residues. Touch up bare spots to full film thickness.

Application

The surface must be completely clean and dry. During application and curing a substrate temperature should be kept above the dew point to avoid condensation. When applied on concrete, the moisture content of concrete is less than 6% and the concrete must be more than 28 days.

Overpainting**Recoating interval**

Min. 8 hours / Max. unlimited

STORAGE CONDITIONS

- Store in original, unopened and undamaged sealed packing in dry conditions at temperature between 5°C and 40°C.
- Store cool and dry place avoiding direct exposure to sunlight.
- Exposure to higher temperature will reduce shelf life.

FURTHER INFORMATION
LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

PACKAGING INFORMATION

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BASIS OF PRODUCT DATA

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

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and end use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended

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application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

