BUILDING TRUST

PRODUCT DATA SHEET

SikaCor®-202 E MIO

MIO (MICACEOUS IRON OXIDE) REINFORCED EPOXY PAINT

DESCRIPTION

SikaCor®-202 E MIO is a two-component polyamide adduct cured, high build epoxy paint. Has a high load of MIO-pigment.

USES

- General purpose intermediate or finishing coat in epoxy systems in atmospheric exposure

CHARACTERISTICS / ADVANTAGES

- Tough, with long-term flexibility
- Good adhesion on most aged, sound alkyd-, chlorinated rubber- and epox coating
- Resistant to water and splash of mild chemicals
- Can be recoated with various two component and conventional coating, even after long weathering periods

PRODUCT INFORMATION

Packaging	SikaCor®-202 E MIO PT-A SikaCor®-202 E MIO PT-B	12L 3L
Appearance / Colour	Grey (Metalic)	
Shelf life	12 months (Base & Hardener)	
Storage conditions	▪ Store in original, unopened and undamaged sealed packaging in dry condition. ▪ Store cool and dry place avoiding direct exposure to sunlight.	
Density	Approx. 1.5 (kg/L)	
Flash Point	25°C	
Solid content by volume	63% ± 2	

SYSTEMS

Systems	1st coat : SikaCor®-202 E MIO 2nd coat : SikaCor® 202 ET	75-100 microns 75-100 microns (or as a specifications)

APPLICATION INFORMATION

Mixing Ratio	Components A : B = 4 : 1 (by vol)
Thinner	SiKaCor® E-thinner or SikaCor Thinner-8, thinning less than 10% by volume.
Consumption	8.4 m^2/L (DFT 75 microns)
Substrate Temperature	During application and curing a substrate temperature should be kept above the dew point to avoid condensation. Relative humidity should be kept under 90%.
Surface Temperature	Above 5°C
Pot Life	Approx. 8 hours (at 20°C)
Waiting Time / Overcoating	Min. 6 hours at 20°C Max. : Unlimited
Drying time	Approx. 30 minutes (dry to touch, at 20°C)

APPLICATION INSTRUCTIONS

EQUIPMENT

AIRLESS SPRAY
- Nozzle orifice : 0.019-0.025 inch
- Nozzle pressure: Approx. 2100 psi

Air-spray
- Nozzle orifice : 1.8-2.0 mm
- Nozzle pressure : 40-60 psi

Brush/Roller
- For srtipe coating and spot repair only

SUBSTRATE PREPARATION

Steel: blast cleaned to ISO-Sa2.5, blasting profile 40-70 microns (or SSPC-SP10)
Shop-primer painted surface: SPSS-Ss (Sweeping)

BASIS OF PRODUCT DATA

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

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.

ECOLOGY, HEALTH AND SAFETY

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

LEGAL NOTES

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 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.

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