

PRODUCT DATA SHEET

Ronabond® EPF 106HB

GENERAL PURPOSE POLYAMIDE EPOXY COATING

DESCRIPTION

Ronabond® EPF 106HB is a general purpose epoxy resin coating for use on concrete, steel and timber. Ronabond® EPF 106HB provides excellent abrasion and chemical resistance. Two coats of Ronabond® EPF 106HB provides an easy to clean attractive finish. Cured dry film thickness is between 30 and 50 µm depending on application rate and number of coats.

USES

Ronabond® EPF 106HB may only be used by experienced professionals.

- High performance epoxy coating
- Use in factories, warehouses, laboratories, hospitals, showrooms
- Use in areas where chemical resistance and easy cleaning required
- Internal use
- Use different colours to identify safety and hazard areas

CHARACTERISTICS / ADVANTAGES

- High build coating for durability and chemical resistance
- Can incorporate fine aggregate to achieve aesthetic slip resistance on floors
- Provides decoration, wide colour range
- Easy to apply
- Low maintenance

PRODUCT INFORMATION

Packaging	4 litres per pack 20 litres per pack
Shelf life	12 months from the date of production
Storage conditions	Stored properly in undamaged and unopened original sealed packaging in

the temperature range +5 °C to +35 °C. Protect from direct sunlight and frost.

APPLICATION INFORMATION

Mixing Ratio	3 : 1 (Part "A" : Part "B")
Ambient Air Temperature	+5 °C to 35 °C
Dew Point	Beware of condensation! The substrate and uncured floor must be at least 3 °C above dew point to reduce the risk of condensation or blooming on the floor finish. Note : Low temperatures and high humidity conditions increase the probability of blooming.
Substrate Moisture Content	< 4 % pbw moisture content. Test method: Sika®-Tramex meter, CM-measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).
Curing Time	7 days (Full Cure)
Waiting Time / Overcoating	14–36 hours

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Mechanically prepare substrate in accordance with BS8204 Part 6 : 2001. Provide structurally sound and clean substrate. Patch repair with Sika repair mortars as appropriate. Seal the prepared surface with Ronaprime 134EM Primer, applied at 4–5m² per litre.

MIXING

Stir contents of each container separately then mix both together thoroughly at slow speed. Leave the material to stand for 20 minutes and remix before use. Thinner is normally unnecessary. Use Ronabond® EPF 106HB Thinner if thinning is necessary.

APPLICATION

Apply by short hair roller directly from a paint tray. Use coverage rates as a guide to thickness; monitor with wet film thickness gauge.

Slip Resistant Surfaces

Incorporate anti slip aggregate into the first coat whilst wet and allow to cure.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with thinner immediately after use. Hardener and/or cured material can only be removed mechanically.

IMPORTANT CONSIDERATIONS

- Do not apply Ronabond® EPF 106HB on substrates with rising moisture.
- Freshly applied Ronabond® EPF 106HB must be protected from damp, condensation and water for at least 24 hours.
- Spillages of any liquid should be wiped up or absorbed and removed as soon as possible.
- For exact colour matching, ensure the Ronabond® EPF 106HB in each area is applied from the same control batch numbers.

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.

LOCAL RESTRICTIONS

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

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 Material Safety Data Sheet (MSDS) 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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