

PRODUCT DATA SHEET

Ronabond® PU 500

High Performance Polyurethane Floor Coating

DESCRIPTION

Ronabond® PU 500 is an extremely durable polyurethane floor and wall coating designed to resist chemical, ultra violet heat and abrasion. Highly decorative on walls, doors, timber panels and floors.

USES

- Coating and sealer for industrial floors, factories and warehouses
- Use in breweries, plant rooms, distribution warehouses, car production, foundries, garages, food preparation areas, hospitals, workshops
- Use in areas where chemical resistance and easy cleaning required
- Internal and external use

CHARACTERISTICS / ADVANTAGES

- Substantially improves abrasion resistance of floors
- U.V. stable aliphatic polyurethane
- Can incorporate fine aggregate to achieve slip resistance
- Quick curing
- Good chemical resistance

PRODUCT INFORMATION

Packaging	4 litre pack 20 litre 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")
Consumption	4–5m ² /litre
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
Waiting Time / Overcoating	24–36 hours

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.

LIMITATIONS

- Do not apply Ronabond® PU 500 on substrates with rising moisture.
- Freshly applied Ronabond® PU 500 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® PU 500 in each area is applied from the same control batch numbers.

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.

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. If thinner is required to achieve the workability. Maximum 15 % Ronabond® PU 500 Thinner can be added.

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 TOOLS

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

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.

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.

SIKA HONGKONG LTD.

Rm.1507-12, Blk A, New Trade Plaza,
6 On Ping Street, Shatin, N.T., H.K.
Phone: +852 26868108
Fax: +852 26453671
Mail: marketing@hk.sika.com
Website: www.sika.com.hk



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