

PRODUCT DATA SHEET

Sikafloor®-7500

2-pack product based on an epoxy resin with low solvent content.

PRODUCT DESCRIPTION

Epoxy floor coatings for concrete and cement screed indoors subjected to normal and medium heavy wear in industry.

USES

Sikafloor®-7500 may only be used by experienced professionals.

- Roller coat for concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages and loading ramps.
- Seal coat for broadcast systems

PRODUCT INFORMATION

Chemical Base	Epoxy	
Packaging	Part A	13.2 kg container
	Part B	1.8 kg container
	Part A + B	15 kg ready to mix units
Appearance / Color	Part A	coloured, liquid
	Part B	transparent, liquid
	Almost unlimited choice of colour shades. Under direct sun radiation there may be some discolouration and colour deviation, this has no influence on the function and performance of the coating.	
Shelf Life	12 months from date of production	
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C.	

CHARACTERISTICS / ADVANTAGES

- Good abrasion resistance
- Good chemical and mechanical resistance
- Economical
- Easy application

APPROVALS / STANDARDS

- Fire classification in accordance with EN 13501-1, Report-No. ERA-13-005, ERA Laboratories, April 2013.
- 2-part epoxy roller and seal coat according to EN 1504-2: 2004 certified by Factory Production Control Body No. 1020 and provided with the CE-mark

Solid content by weight	~ 81%		
Chemical Resistance	Resistant to many chemicals. Contact Sika technical service for specific information.		
Thermal Resistance	Exposure*	Dry heat	
	Permanent	+50°C	
	Short-term max. 7 d	+80°C	
	Short-term max. 12 h	+100°C	
	Short-term moist/wet heat* up to +80°C where exposure is only occasional (i.e. during steam cleaning etc.) *No simultaneous chemical and mechanical exposure.		
Mixing Ratio	Part A : part B = 88 : 12 (by weight)		
Coverage	In any case, Sikafloor®-7500 shall be applied on primed surfaces. For the consumption details and usage of primers, see product data sheets of Sikafloor®-156/161.		
	Sikafloor®-7500 to be used as roller coating:		
	1 - 2 x Sikafloor®-7500	max. 0.5 kg/m ² /layer	
Ambient Air Temperature	+10°C min. / +30°C max.		
	80% r.h. max.		
Relative Air Humidity	80% r.h. max.		
	80% r.h. max.		
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.		
	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 Temperature	+10°C min. / +30°C max.		
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).		
	< 4% pbw moisture content. Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).		
Pot Life	Temperature	Time	
	+10°C	~ 45 minutes	
	+20°C	~ 25 minutes	
	+30°C	~ 10 minutes	
Waiting / Recoat Times	Before applying Sikafloor®-7500, allow:		
	Substrate temperature	Minimum	Maksimum
	+10°C	36 hours	6 days
	+20°C	24 hours	4 days
	+30°C	12 hours	2 days

SURFACE PREPARATION

- Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm².
- The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.
- On critical substrates, e.g a strong absorbent

cementitious surface, the application of a trial area is highly recommended, in order to ensure a pore free surface, after priming.

- Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.

- Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate products from the Sikafloor®, Sikadur® and Sikagard® range of materials.
- The concrete or screed substrate has to be primed or levelled in order to achieve an even surface.
- High spots must be removed by e.g. grinding.
- All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

MIXING

Prior to mixing, stir part A mechanically. When all of part B has been added to part A, mix continuously for 2 minutes until a uniform mix has been achieved. To ensure thorough mixing pour materials into another container and mix again to achieve a consistent mix. Over mixing must be avoided to minimise air entrainment.

Mixing Tools:

Sikafloor®-7500 must be thoroughly mixed using a low speed electric stirrer (300 - 400 rpm) or other suitable equipment.

APPLICATION

Prior to application, confirm substrate moisture content, relative humidity and dew point.

If > 4% pbw moisture content, Sikafloor® EpoCem® may be applied as a temporary moisture barrier (T.M.B.) system.

Sikafloor®-7500 is spread evenly using a roller. A seamless finish can be achieved if a “wet” edge is maintained during application.

CLEANING OF TOOLS

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

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com

Sika Mexicana S.A. de C.V.

Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



Product Data Sheet

Sikafloor®-7500
November 2018, Version 01.02
020811030020000008

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

