

Sikafloor®-7500

Construction

Description	Sikafloor 7500 is a sophisticated 2-pack product based on an epoxy resin with low solvent content.		
Fields of application	Epoxy floor coatings for concrete and cement screed indoors subjected to normal and medium heavy wear in industry.		
Colours	Beige approx. RAL 1001, stone grey approx. RAL 7030 and pebble grey approx. RAL 7032.		
Coating system	Surface	normal wear	heavier wear
	absorbency	1xSikafloor 7500 thinned with up to 10% Thinner DS	1xSikafloor 156
	normal	+1xSikafloor 7500	+2xSikafloor 7500
	dense	1xSikafloor 2420	1xSikafloor 2420
	practically non-absorbent	+1-2xSikafloor 7500	+2xSikafloor 7500
	friable	1xSikafloor 156	1xSikafloor 156
	very absorbent	+1-2xSikafloor 7500	+2xSikafloor 7500
Mixing ratio	88 parts by weight component A 12 parts by weight component B		
Material consumption	Priming coat:	approx. 0,4 kg/m ² Sikafloor 7500 + 10% Thinner DS	
	Top coat:	approx. 0,5 kg/m ² Sikafloor 7500 (do not exceed)	
		With this material quantity for priming and top coat an average dry film thickness of approx. 0,5 mm is achieved (actual thickness of peaks approx. 0,7 mm)	
Storage	In well sealed original containers and in dry rooms approx. 1 year.		
Properties	After curing Sikafloor 7500 is tough, hard, skid resistant, resistant to abrasion, mechanical and chemical exposure; easy to clean.		
Specific gravity	approx. 1,85 kg/lt		
Volume solids	approx. 81%		
Resistance	<p>Mechanical: Abrasion resistance (Taber abraser, disc CS 10, load 1000 g/1000 revolutions approx. 74 mg.</p> <p>Chemical: Amongst others resistant to water, sodium chloride solutions 10%, certain solvents, petrol, heating oils, engine oils, brake fluid and detergents. In instances of permanent chemical exposure slight colour changes may occur.</p> <p>Temperature: Dry heat: up to approx. + 150°C</p>		
Surface Preparation	The surfaces to be coated must be dry and free of dust, oil and grease. The type of primer, which depends on the surface condition, is started in the table "Coating system".		
Attention	Do not start coating operations until the primer is completely tackfree as otherwise wrinkling might occur.		

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Preparation of material	Shortly before application components A and B should be intensively mixed with a power stirrer (300-400 rpm) in the stated mixing proportions. Prior to this, component A itself must be stirred thoroughly by power stirrer.
Pot-life	Priming coat (with approx. 10% Thinner DS): approx. 45 minutes at +20°C. Top coat (undiluted): approx. 25 minutes at +20°C. At the end of the above stated times the material becomes unserviceable.
Application temperature of surface	At least +10°C.
Application methods	The diluted priming coat can be applied by brush or roller. The top coat (undiluted) is applied by short piled lambskin roller.
Intercoat waiting times	At least 15 hours.
Final drying at +20°C	Ready for foot traffic after 15-20 hours. Ready for mechanical wear after 3 days and for chemical exposure after 7 days.
Thinning/cleaning of implements	Thinner DS.
Precautionary measures	Please observe safety instructions on labels of containers as well as local regulations for the prevention of accidents. Indoors, e.g. workshops, storage halls, ditches, shafts etc. adequate ventilation must be provided during application and drying. In a liquid state Sikafloor 7500 and Thinner DS contaminate water and should not get into drains, water and ground.

Technical data sheet and label instructions have the priority.

The explanations given in the data sheet are correct and reliable as far as we know and they are in connection with our documentation. In case of applications beyond our control, our warranty is only valid in respect of the quality of the sold product. Our company reserves the right to make changes to the product formulations under the light of our new R&D studies. This technical data sheet is valid until a new one is printed and supersedes all of the former editions.

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