

Product Information



BS 98 W

EP Floor Coating

- Solvent-free
- Long working time, quickly accessible
- Non-slip surface, mat

Product Description

BS 98 W is a solvent-free, colored, non-slip mat and 2-component floor coating based on epoxy resin.

Application and processing

BS 98 W is generally used as a coating and sealing material of cement-bound substrates such as in workshops, Industrieh all, garages, etc. With BS 98 W can seal itself bottoms against the sanding eg screed When using partial quantities (in a ratio of the fifth..: 1) must the root component be stirred thoroughly before removal. In general, should always be carried angerü as much material as within 40 minutes can be processed (at 20 ° C). For good processing suited a short floor or sealing roller. W hen stirring the mixture, both whole bucket, or subsets in the right proportions is thoroughly, ie min. Mix 2 minutes. The material Must be applied with a roller.

Properties

BS 98 W is stable in the cured state resistant against water, seawater and wastewater, also against many alkalis, mild acids, salt solutions, mineral oils, lubricants and driver and many solvents. With UV - Engulfment - binder-related - To be expected with a certain color change and chalking The material should only be used indoors..

EU Directive 2004/42/EC (VOC Directive)

Of the EU Directive 2004/42, the maximum allowed content of VOC (Product category IIA / j type Sb) in ready to use 500 g / l (limit 2010).

The maximum content of BS 95 S in the ready state is <500 g / l VOC.

Hazards

GISCODE: RE 1

For the safe handling of epoxy resins and hardeners, we always recommend observing the following fact sheets:

Leaflet M023, processing of polyester and epoxy resins. (Ed.: Professional Association of Chemical Industry). Furthermore, the significant physical, safety, toxicological and ecological data can be found in the current Safety Data Sheets.

NB

The following information and suggestions for use and application of our products are based on our knowledge and experience, usually, with proper storage and application. Due to different materials, substrates and deviating from the norm conditions are such that no warranty in respect or any liability for any legal relationship whatsoever, can be derived from these recommendations or any oral advice, unless we acted intentionally or with gross negligence negligence. Here, the user has to prove that he has written all the skills that are necessary for the proper and promising judgment required in time and completely. The user must check the products for their suitability for the intended application. Otherwise, our terms and conditions.

It applies the latest technical data sheet.

Product data	SAMAFLOOR BS 9 8 W
Shade	Many RAL colors available
Delivery unit	10 and 30 kg, other packaging on request
Storage time	From the date of production min. 12 months
Storage Conditions	In original closed containers in dry, cool, frost-free

Specifications

Density at 23 ° C/50% RH. LF 1.4 g / cm³ **Material consumption** as a **sealer**, depending on the ground about 200-300 g / m²

Mixing ratio **Weight: 5: 1** Volume: 3, 8: 1
Viscosity at 20 ° C. Component A: 1450-1750 mPas Component B: 150 - 200 s (6mm cup)

Processing time (At 50% rel.)

Ambient temperature	+ 10 ° C	+ 20 ° C	+ 30 ° C
	40-45 minutes	35 minutes	15-20 minutes

Higher temperatures will shorten the pot life and reduce the viscosity
 Lower temperatures increase the viscosity and pot life

Curing

Substrate temperature	+ 10 ° C	+ 20 ° C	+ 30 ° C
Walkable or processed after	8 hours	6 hours	4 hours
Light duty after	18 hours	12 hours	8 hours
Full resistance	10 days	7 days	3 days

Ambient, material and substrate temperature Minimal + 6 ° C, maximum 30 ° C +

Solid 100%

Div. mechanical properties

Compressive strength	Flexural strength	Adhesion	Abrasion (Taber abrader)
nb	nb	> Concrete failure	nb

Shore A / Shore D Shore D: 75-78

Flash Point about 130 ° C.

CE marking The DIN EN 13813 "Screed material and floor screeds Properties and requirements" (Jan. 2003) specifies requirements for screed, which are used for floor construction internally. Plastic coatings and sealers are also covered by this standard. Products that meet the above standard shall be marked with the CE mark.

CE		
Samatec GmbH & CO.KG Kanadstr. 8 58675 Hemer		
	07 ¹⁾	07 ¹⁾
	EN 13813 SR-AR1-B1, 5-IR4	EN 13813 SR-B1, 5
	Resin screed / coating for the APPLICATION in buildings (according to Technical Information):	Primer ung
Fire behavior:	E _n	E _n
Release of corrosive substances (Synthetic Resin Screed):	SR	SR
Water permeability:	NPD	NPD
Wear resistance (abrasion resistance):	AR 1 ³⁾	NPD
Bond strength (Bond):	B 1.5	B 1.5
Impact (Impact Resistance):	IR 4	NPD
Sound insulation:	NPD	NPD
Sound absorption:	NPD	NPD
Insulation:	NPD	NPD
Chemical resistance:	NPD	NPD

- 1) The last two digits of the year in which the CE marking was affixed
- 2) NPD = No performance determined; parameter not set
- 3) Refers to the smooth, sprinkled topping