

Product information

Primer

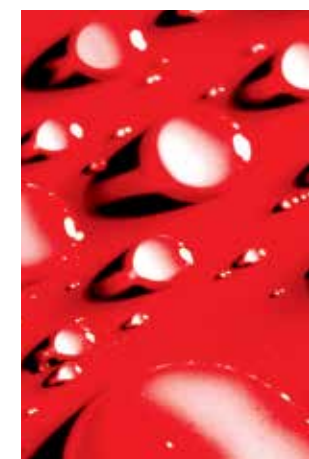
ASODUR®-GBM

Primer, sealer and mortar resin



Technical Data:

Basis:	2 component epoxy resin
Colour:	transparent
Traffic after:	approx. 16-24 hours at +23 °C
Overcoat after:	approx. 16-24 hours at +23 °C
Fully cured after:	approx. 7 days at +23 °C
Pot life:	approx. 25-35 minutes at +23 °C
Substrate/Material/ Application temperature:	optimum +15 to +25°C; min. +8 to max. +30°C
Consumption:	approx. 300-500 g/m ² dependent on the absorption of the substrate
Packaging:	1 kg, 3 kg, 10 kg- and 18 kg containers (Components A and B are delivered at a predetermined mix ratio.)



Areas of application:

- ASODUR®-GBM is used as a primer for cement-based surfaces, which are to be coated with ASODUR®-products/ ASOFLOOR and ASOFLEX systems.
- Binder for producing epoxy resin screeds, levelling and scratch coats as well as to prepare substrates for coating applications.
- ASODUR®-GBM is also used as a resin primer prior to the installation of large format tiles and slabs using normal cement-based adhesives on calcium sulphate screeds.



SCHOMBURG GmbH & Co. KG
Aquafinstraße 2-8
D-32760 Detmold (Germany)
Tél +49-5231-953-00
Fax +49-5231-953-108
email export@schomburg.de
www.schomburg.com


ASODUR®-GBM



Primer, sealer and mortar resin

Properties:

- transparent, low viscosity, two component epoxy resin
- free from organic solvents
- low odour
- resistant to bases, acids, aqueous salt solutions, lubricants and fuels
- very good adhesion

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SCHOMBURG GmbH & Co. KG Aquafinstraße 2-8 D-32760 Detmold 06 205751	
<small>EN 1504-2</small> ASODUR®-GBM Surface protection product - Impregnation	
<small>Principle 1.2</small>	
Capillary water absorption and water permeability	$w < 0,1 \text{ kg/m}^2 \times h^{0,5}$
Penetration depth	Class I < 10 mm
Tensile adhesion strength by pull-off test	$\geq 1,5 \text{ (1,0) N/mm}^2$
Reaction to Fire	Class E
Dangerous substances	In compliance with 3.3 of EN 1504-2

Verarbeitung:

Component A and component B are delivered at a predetermined mixing ratio. Tip component B into component A. Ensure that the hardener drains completely from its container. Mix both components together with a suitable mixer (e.g. drill with paddle) at 300 rpm. Ensure to also stir at the sides and bottom so that the hardener is evenly dispersed. Stir for as long as necessary until the mixture is homogenous (free from streaks); mixing time approx. 5 minutes. During the mixing process the material temperature should be approx. +15°C. Do not use the mixed material directly from the supplied packaging. Decant the material into a clean container and mix through thoroughly once again. Evenly apply the material on the prepared substrate in at least two coats to avoid pinholes. Broadcast 0.1-0.6 mm/0.2-0.7 mm/0.06-1.5 mm (dependent on application) quartz sand into the fresh, still tacky primer. Once hardened, carefully remove all non-bound quartz sand.

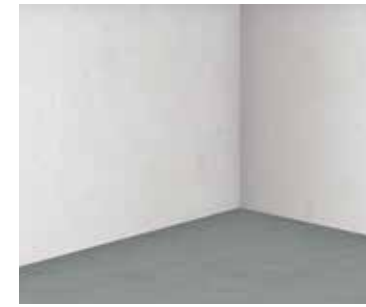
Please refer to the technical data sheet for applications as a scratch coat, binder for epoxy resin screeds etc.

Application:

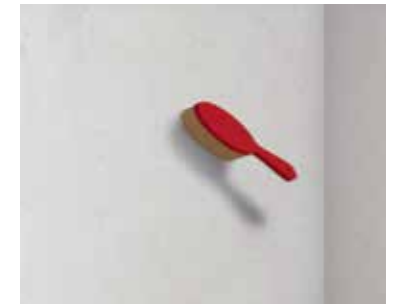
The surface to be treated must be dry, sound, load-bearing and have a good key. It must be free from separating substances such as e.g. dust, laitance, grease, rubber residues, paint residues and similar. Dependent on the condition of the substrate, use suitable preparation measures such as e.g. shot blasting, scabbling, planing, brushing, sweeping, vacuuming and grit blasting, water jet blasting. Appropriate to each particular substrate, the following criteria are also to be fulfilled:

Cement-based areas:

- Quality of the concrete: min. C 20/25
- Quality of the screed: min. EN 13813 CT-C25-F4
- Quality of the render: min. P III
- Age: min. 28 days
- Tensile adhesion strength: 1.0 N/mm²
- Residual moisture: < 4 % (CM method)



1 Load-bearing substrate



2 Cleaning the wall substrate



3 Priming and suitable tools



4 Piercing the lid of the hardener container



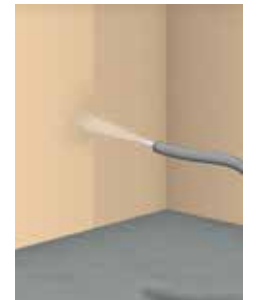
5 Completely emptying the hardener into the resin



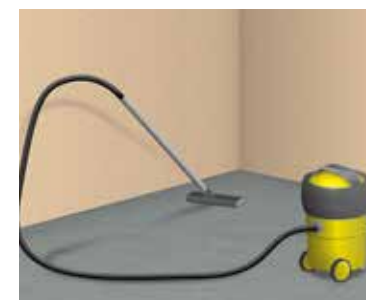
6 Mixing, decanting and mixing again



7 Application of the primer on the wall



8 Fully broadcast the fresh primer with quartz sand



9 Cleaning the floor substrate



10 Application of the primer on the floor



11 Fully broadcast the fresh primer with quartz sand



12 Completed walls and floor