

WIEREGEN-M80-Compact-Finish

2C-PUR Sealer for sanded thin deck pavements (RHD)

■ **FIELDS OF APPLICATION** For the production of coloured, reaction-resin based thin deck pavements (RHD) made of WIEREGEN-D80-Compact, according to ZTV-RHD-ST.

With WIEREGEN-M80-Compact-Finish it is also possible to seal sanded coatings made of WIEREGEN-D70.

■ **PRODUCT PROPERTIES** WIEREGEN-M80-Compact-Finish is a coloured sealing based on two-pack polyurethane.

Capacities After curing, WIEREGEN-M80-Compact-Finish is resistant to petrol and oil as well as to a large extent resistant to diluted acids and alkalis.

■ **PRODUCT DATA**

	<u>WIEREGEN-M80-Compact-Finish</u>	<u>Curing agent</u>
Product number	M80-F7532 Pebble grey approx. RAL 7032 (Other colours available on request)	DX-10
Mixing ration	8 parts by weight	1 part by weight
Degree of gloss	satin matt	
Shelf life	At least 12 months in original cans at normal temperature.	
Theoretical consumption	Approx. 0.7 to 0.9 kg/m ² per working operation, depending on the grain size of the used sanding material.	
Suitable thinner	V-562	

■ **TECHNICAL DATA**

Notes referring to Directive 2004/42/EC „Deco-paint-Directive“

Subcategory as referred to in Annex IIA	VOC limit values (Phase II from 2010)	Max. VOC content of the product in its ready for use condition (including the max. amount of diluents as given in "Application methods")
J ("Two-pack reactive performance coatings") Type SB	500 g/l	< 500 g/l

Coating systems Thin deck pavement (RHD) coating:
WIEREGEN-D80-Compact, sanded in surplus (if necessary cleaned and dusted off).
For more detailed information see our Technical Information for the product WIEREGEN-D80-Compact as well as the related system data sheets.

Sealing:
WIEREGEN-M80-Compact-Finish in one or two working operations.

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■ INSTRUCTIONS FOR APPLICATION

Substrate The existing (sanded) thin deck pavement (RHD) must be dry and clean as well as free of dust and separating materials such as oils and greases.

Therefore it is recommended to re-coat the thin deck pavement directly after curing.

Surface preparation Cleaning, if necessary

Processing conditions

Air and surface temperature Minimum 5 °C, maximum 25 °C.
Optimal results will be achieved at temperatures of 15 to 25 °C.

Relative humidity Max. 80 % relative humidity

Do not apply under dew point conditions

Comments on processing

Mixing Mix WIEREGEN-M80-Compact-Finish thoroughly with the enclosed curing agent DX-10 with a mechanical mixer until a homogenous mixture is produced. After a pre-reaction time of approximately 5 to 10 minutes and repeated stirring the material is ready for use.

Application methods Roller coating.

The suitable consistency of WIEREGEN-M80-Compact-Finish is adjusted with thinner V-562 depending on the temperature.

Cleaning of equipment With thinner V-562

Pot life 4 to 6 hours depending on temperature

Waiting time between working operations 12 to 16 hours

Drying and curing times Dry to touch after approx. 6 hours

Foot traffic after approx. 24 hours

Full resistance to mechanical and/or chemical stresses after 7 days

(All values relevant for a temperature of 20 °C)

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■ SAFETY MEASURES

The relevant data concerning safety measures can be found in the material safety data sheet of this product.
The valid issue of the material safety data sheet is available from our website www.geholit-wiemer.de.

When application works are executed at bad ventilation conditions (closed rooms, mines etc.) it is necessary to provide for good airing and breathing masks in order to remove vapours which are being set free.

The statements made here are based on the present state of our knowledge. We do not assume liability for damages resulting from the use of the material or from any advice given by our employees. In this respect, any advice given by our employees has to be seen as not binding. The processor is responsible for the supervision of construction, the maintaining of process guidelines and the observation of the established rules of techniques, even if our employees are present at the time our material is being applied.
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