

Gerinneliner



Gerinneliner is the perfect combination of the PARTLINER™ short liner method and the Harz8 man-hole connection method for the rehabilitation of defective channels - e.g. in the event of leaks or even the complete absence of a channel in the manhole.

Field of application is the rehabilitation of defective or missing channels with simultaneous man-hole connection, e.g. in the case of missing liner projection - in wastewater, combined sewage and stormwater manholes.

Product features:

- perfect combination of the processes PARTLINER™ (Z-42.3-538) and Harz8 (Z-42.3-492)
- very good adhesion to liner or old pipe
- can also be used in the absence of a channel or loose soil, as bonding only with liner/old pipe
- no flow obstacles due to seamless transition of the GRP laminate to the liner or old pipe.
- very good high-pressure flushing resistance

Processing information:

Surface preparation: No substrate necessary in the channel! Can also be used on loose soil! The substrate on the surfaces to be bonded to the pipe or liner (inlet and outlet) must be clean and free of loose material, dust, oil, grease and substances that could interfere with adhesion. It can be dry or moist. The substrate must be loadbearing and must have the generally requested tear strength of 1,5 N/mm².

Processing: For the installation of a channel liner, a GRP laminate is installed according to the PARTLINER™ process, cut open after being moulded into a channel and then tied to the manhole according to the Harz8 process. In this way, no flow obstacle is created, a new channel is rebuilt - even if there is no subsoil at all in the berm/shaft bottom - and connected to the shaft structure in a permanently flexible manner.

Special advice: The direct contact with UV radiation can cause colour changes. This normally does not affect the usability.

Safety instructions: Please read the safety precautions and warnings on the labels and in the safety data sheets!

Technical characteristics of Gerinneliner

Basis	Combination of PARTLINER™ and Harz8
Farbe	linercoloured / red
Possible applications	Reconstruction of defective/missing channels Manhole connection with missing liner projection
Procedure	<ul style="list-style-type: none"> ♦ Installation of a GRP laminate between inlet and outlet according to the PARTLINER™ method ♦ Cutting of the moulded GRP laminate ♦ Connecting the newly created channel to the manhole with the Harz8-method
Time required	a few hours - Harz8 bonding possible directly after moulding the GRP laminate
Special features	<ul style="list-style-type: none"> ♦ does not form a flow obstacle ♦ no bonding with the substrate in the channel area required, thus also applicable in case of exposed soil and no subfloor
Chemical resistance	pH2 to pH12
Cleaning	with resiClean SURFACE (degreasing of the surface) with resiClean TOOLS (uncured epoxy resin) with resiClean EPOXYKILLER (cured epoxy resin)
Consumption	as required
Complete chemical stability	after 7 days
Operating conditions	ideal material temperature for mixing: 20°C application temperature 5 to 35 °C
Storage	store dry, frost-free and not above 35 °C, protect from direct sunlight
Shelf life	6 months if the conditions mentioned above are fulfilled, after this period an increasing of the viscosity is possible.
Disposal	Fully cured residues (mixture) may be disposed as „plastic parts“.

For information on mixing ratios, potting and moulding times etc. of the individual components, please refer to the technical data sheets of PARTLINER™ and Harz8.

Note: All details provided in this datasheet are based on our experiences and are true to the best of our knowledge but without engagement. The given values are to be regarded as a guideline as they depend on the local circumstances and the conditions on site. Recommendations differing from our data sheets are only mandatory if confirmed by us in written form.