

Our products for your sewer rehabilitation

Product	Base	Application field	Method	To be used with	Specific weight (after curing) (approx.)	Version	Mixing ratio	Potlife at 20°C (approx)	Curing time at 10°C (approx)	DIBt-certificate	Certifications	Packaging unit	Consumption	Remarks
Harz4	Epoxy	Robotic repair of laterals with mold	robotic repair (ProKasro system)	Harz4 hardener	1,6		100:33 wt.	25 minutes	45 minutes (60°C)	currently in the process of extension	yes	resin: 25 kg tin bucket, hardener: 8,33 kg tin bucket respectively 500 ml tubular bag (TB), packaged at 10 TB per carton	approx. 3 liters per lateral	heat curing recommended!
Harz8	Epoxy	Permanently flexible connection of liners and pipes to shaft structures	manual repair	Harz8 hardener	1,65	RP20	100:100 vol.	15 minutes	35 minutes	Z-42.3-492	yes	500 ml tubular bag (TB), packaged at 10 TB per carton	see DIBt-Approval	with DIBt approval also for sealing annular gaps in PE
FlexyPox	Epoxy	Permanently flexible bonding and sealing of components, e.g. manhole frames, joints etc.	manual repair	FlexyPox hardener	1,65	RP20	100:100 vol.	15 minutes	45 minutes*			500 ml tubular bag (TB), packaged at 10 TB per carton		*curing time depending on the respective application
resiTwin EP	Epoxy	Permanently flexible injection Epoxy resin for sealing and filling cavities and joints	manual repair	resiGun AIR, compulsory mixer and grouting packers	1,21		100:100 vol.	15 minutes	45 minutes			12 double cartridges of 2 x 200 ml per carton 6 double cartridges of 2 x 750 ml per carton		
resiTwin EP thix	Epoxy	Permanently flexible thixotropic injection Epoxy resin for sealing and filling cavities and joints	manual repair	resiGun Air, compulsory mixer and grouting packers	1,37		100:100 vol.	15 minutes	45 minutes			12 double cartridges of 2 x 200 ml per carton 6 double cartridges of 2 x 750 ml per carton		
Harz12	Epoxy	Freehand filling without boarding	robotic repair or manual repair	Harz12 hardener	1,9	RP80	100:33 vol.	40 minutes	8 hours	Z-42.3-592	yes	500 ml resp. 750 ml tubular bag (TB), packaged at 10 TB per carton		
Harz14	Epoxy	Robotic repair of laterals with mold	robotic repair	Harz14 hardener Harz14 hardener Harz14 hardener	1,9 1,9 1,9	RP38 RP50 RP60	100:33 vol. 100:33 vol. 100:33 vol.	20 minutes 30 minutes 40 minutes	2,5 hours 5 hours 8 hours		yes	500 ml resp. 750 ml tubular bag (TB), packaged at 10 TB per carton	approx. 3 liters per lateral	
Harz16	Epoxy	Robotic repair of laterals with mold	robotic repair	Harz16 hardener Harz16 hardener Harz16 hardener	1,9 1,9 1,9	RP38 RP50 RP60	100:33 vol. 100:33 vol. 100:33 vol.	20 minutes 30 minutes 40 minutes	2,5 hours 5 hours 8 hours	Z-42.3-592	yes	500 ml resp. 750 ml tubular bag (TB), packaged at 10 TB per carton	approx. 3 liters per lateral	
resiFill	PU	Foam resin to stop groundwater infiltration for large cavities	manual repair	resiGun, compulsory mixer and grouting packers	1,15*		100:100 vol.	10 seconds	5 minutes			12 double cartridges of 2 x 200 ml per carton 6 double cartridges of 2 x 750 ml per carton		*before foaming, foam factor 10
PARTLINER™	Epoxy	Epoxy based short liner resin	shortliner system	hardener for PARTLINER™ hardener for PARTLINER™	1,05 1,05	RE38 RE60	100:50 wt. 100:50 wt.	25 minutes 35 minutes	2,5 hours 4-5 hours	Z-42.3-538	yes	10 kg canister resin, 5 kg canister hardener 10 kg canister resin, 5 kg canister hardener	approx. 1,55 kg/m² 1081g/m² mat resp. 2 kg/m² 1415g/m² mat	DIBt approval in connection with hardener RE60 and 1415g/m²-GR-mat
resiShield	Epoxy	Coating available in three viscosities (LV, MV, HV) for painting, spraying or applying with a spatula	manual repair	hardener for resiShield hardener for resiShield hardener for resiShield	1,4 1,4 1,4	RE60 RE80 RE90	100:25 wt. 100:20 wt. 100:13,25 wt.	25 minutes 40 minutes 120 minutes	4-5 hours 8 hours 2 hours (bei 60°C)		yes yes yes	20 kg tin bucket resin, 5 kg canister hardener 20 kg tin bucket resin, 4 kg canister hardener 20 kg tin bucket resin, 2,65 kg canister hardener	for 3 mm layer thickness approx. 4,2 kg per m²	minimum layer thickness 3 mm, better 10 mm heat curing
SIDELINER™	Epoxy	Epoxy resin for top hat system	top hat system	hardener for SIDELINER™ hardener for SIDELINER™	1,05 1,05	RE38 RE60	100:50 wt. 100:50 wt.	25 minutes 35 minutes	2,5 hours 4-5 hours			10 kg tin bucket resin, 5 kg canister hardener 10 kg tin bucket resin, 5 kg canister hardener	approx. 1,5 kg for standard hats	
SIDELINER™ thix	Epoxy	Epoxy resin for top hat system	top hat system	hardener for SIDELINER™ hardener for SIDELINER™	1,05 1,05	RE38 RE60	100:50 wt. 100:50 wt.	25 minutes 35 minutes	2,5 hours 4-5 hours			10 kg tin bucket resin, 5 kg canister hardener 10 kg tin bucket resin, 5 kg canister hardener	approx. 1,5 kg for standard hats	
HOUSELINER™	Epoxy	Resin for liners <300 mm	house connection lining	hardener for HOUSELINER™ hardener for HOUSELINER™ hardener for HOUSELINER™ hardener for HOUSELINER™	1,1 1,1 1,1 1,1	RE38 RE60 RE80 RE90	100:50 wt. 100:50 wt. 100:40 wt. 100:26,5 wt.	20 minutes 30 minutes 40 minutes 120 minutes	2,5 hours 4-5 hours 8 hours 2 hours (60°C)			10 kg tin bucket resin, 5 kg canister hardener 10 kg tin bucket resin, 5 kg canister hardener 10 kg tin bucket resin, 4 kg canister hardener 10 kg tin bucket resin, 2,65 kg canister hardener	see manufacturer's information on carrier material	needle felt, synthetic fibre heat curing
HOUSELINER™ thix	Epoxy	Resin for liners <300 mm	house connection lining	hardener for HOUSELINER™ thixotrop hardener for HOUSELINER™ thixotrop hardener for HOUSELINER™ thixotrop hardener for HOUSELINER™ thixotrop	1,28 1,28 1,28 1,28	RE38 RE60 RE80 RE90	100:40 wt. 100:40 wt. 100:32 wt. 100:21 wt.	20 minutes 30 minutes 40 minutes 120 minutes	2,5 hours 4-5 hours 8 hours 2 hours (60°C)			12,5 kg tin bucket resin, 5 kg canister hardener 12,5 kg tin bucket resin, 5 kg canister hardener 12,5 kg tin bucket resin, 4 kg canister hardener 12,5 kg tin bucket resin, 2,65 kg canister hardener	see manufacturer's information on carrier material	needle felt, synthetic fibre, glass fibre heat curing
resiGRP	Epoxy	Laminating resin for hand laminate	hand laminate	hardener for resiGRP hardener for resiGRP hardener for resiGRP	1,05 1,05 1,05	RE38 RE60 RE80	100:50 wt. 100:50 wt. 100:40 wt.	25 minutes 35 minutes 45 minutes	2,5 hours 4-5 hours 10 hours			10 kg canister resin, 5 kg canister hardener 10 kg canister resin, 5 kg canister hardener 10 kg canister resin, 4 kg canister hardener	approx. 0,6 kg per m² 450g/ m²-GRP mat	
resiProtect	Epoxy	Protective layer on Epoxy base for brushing and rolling	manual repair	hardener for resiProtect	1,25		100:33 wt.	35 minutes	8 hours			2,3 kg tin can resin, 0,75 kg tin can hardener	approx. 1,25 kg per m²	
resiclean SURFACE		Detergents for degreasing of substrates	manual application									200 ml gooseneck bottle, 10 litre canister		universal cleaner
resiclean TOOLS		Cleaning agent for cleaning tools (greasing)	manual application									10 litre canister		soluble in water, no hazardous substance
resiclean EPOXYKILLER		Cleaning agent for cleaning tools and machines	manual application									10 litre canister (liquid) 1 kg PE can (gel)		for removing cured Epoxy resin and hardener

All information provided in this document is based on our experience and is 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.

The indications regarding potlife and demolding time are based on a temperature of 20°C respectively 10°C and an air humidity of 50 %. Recommendations differing from our data sheets are only mandatory if confirmed by us in written form.

Resin and hardener are hazardous substances! Please observe the safety data sheets!

The given colours correspond approximately to the colours of the final product. Delivery in other units/containers (barrel, IBC, etc.) on demand.

wt. = weight in kilogram / gram vol. = Volume in liter / milliliter

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