RS Technik

RS MaxPatch®

Product description

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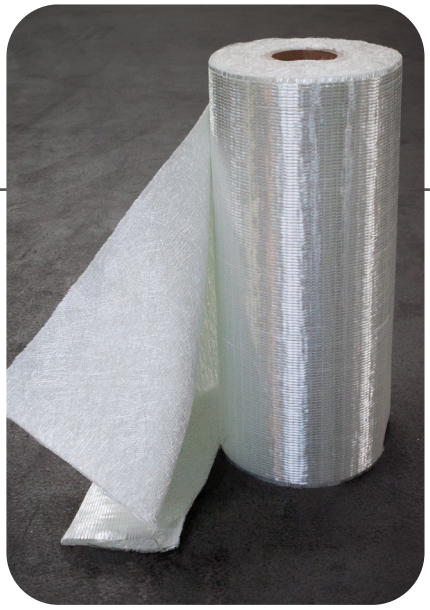
Point Repair System for pipe rehabilitation up to DN 800

RS MaxPatch®
two components resin



Advantex® glass fiber matt

RS MaxPatch® comp. C

Fields of Application	**Sewer gravity systems and drain lines**
Dimension	**Ø DN 100 to DN 800 (4" to 32")**
Resin	**Two or more components silicate-isocyanate-resin system**
Support material	**Advantex® glass fiber matt in ECR - quality**
Equipment	**Rehabilitation with an expanding packer**

- Point- repair system technique without digging and costly set-up for Ø DN 100 to DN 800 (4" to 32")
- For elimination of leaks in ex- and infiltration

- Restoration of the carrying capacity of damaged pipelines
- RS MaxPatch® system components:
  - RS MaxPatch® three components silicate-isocyanate-resin system or
  - RS MaxPatch® two components resin „winter“ / „summer“
  - Advantex® glass (bidirectional glass complex 1086 g/m^2 and 1387 g/m^2)
  - Equipment includes a packer and accessories
- DIBt approval no. Z-42.3-430 und RAL 15.1

Application areas

Non-foaming, elasticized three-component resin with good adhesion even on moist surfaces for the bonding of partial liners (short liners) during sewer rehabilitation.

- Soaks glass fibre mats (Advantex®) or polyester fleece very well
- Adhesion to moist surfaces
- No foaming, even with water
- Cures well in thin layers
- Has high resistance to aggressive water, acids as well as alkaline brines
- Does not saponify

Characteristics

- Quick installation: cycle time approx. 60 min
- No odor nuisance
- High strength
- Very good chemical resistance
- Cost-effective repair process

Technical data

MaxPatch®	reaction data (typical values)		
mixing ratio A : B : C	*Vol.-T.*	*100 : 200 : 3,0*	*100 : 200 : 3,0*
start temperature	*°C*	*20*	*15*
pot life	*min*	*approx. 8*	*approx. 10*
time for placing	*min*	*approx.10*	*approx. 20*
demould time	*min*	*approx. 50*	*approx. 60*

material data		Comp. A	Comp. B	Comp. C	Norm
density at 25°	*kg/m^3*	*1490 ± 50*	*1130 ± 40*	*1120 ± 40*	*DIN 12791*
colour	*-*	*colourless*	*dark brown*	*light brown*	
pH value		*12 - 13*	*n.a.*	*12 - 13*	*DIN 19268*
flash point	*°C*	*none*	*> 200*	*100*	*DIN 53213*
viscosity at 25 °C	*mPa*s*	*270 ± 140*	*150 ± 100*	*40 ± 10*	*ISO 3219*

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