





Technical Data Sheet

pur II Injection resin SC-TD-AwaTec pur II E-Rev 00 Issue: 07/2018

Product description

SC-AwaTec pur I is an instant-setting 2-component injection resin, free of CFCs and halogens, for sealing and solidifying water-bearing zones, in particular against pressurized water.

Areas of application

- Sealing of tanks, sections and manholes
- Wastewater and purification plants
- Portable water protection zones

Material data

			Component B	
Density at 20°C	kg/m³	1,05 ± 0,05	1,23 ± 0,02	
Viscosity at 25°C	mPa*s	200 ± 100	200 ± 100	
Colour		acromatic	brown	

Reaction data

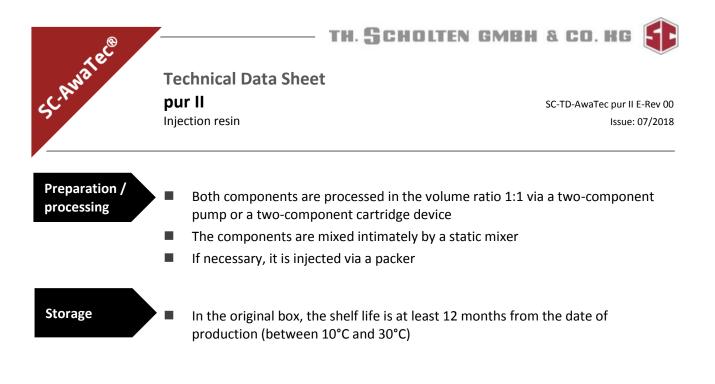
Reaction profile at:		15°C	20°C	25°C
Curing time	[s]	30 ± 5	20 ± 5	16 ± 3
Foam factor		1	1	1
Reaction temperature	[°C]	< 140	< 140	< 140

Compressive strength	[MPa]	88 ± 5 %		
Bending tensile strength	[MPa]	80 ± 5 %		
E-modulus	[MPa]	1734 ± 5 %		

Bond strenght (3mm gap)	30 min	1h	3h	5h	1d	2d	7d
[MPa]	4,4	4,6	4,2	4,6	4,6	4,6	4,0

Composition / properties

- Component A is a mixture of different polyols and additives
- Component B is a polyisocyanate based on 4.4'-Diphenylmethandiisocyanat (MDI)
- Together, it reacts to a tough polyurethane resin



Remarks:

The data in this data sheet correspond to our knowledge and experience at the present time. These do not constitute legally binding properties. The product must be tested for suitability before use. Since the processing is beyond our control, it lies exclusively with the user. Issue: 07/2018