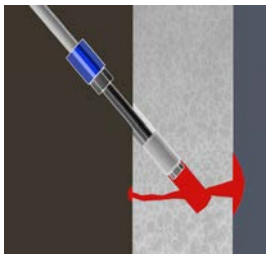

HydroBloc®PU 506

Elastic injection resin with low viscosity for waterproofing

HydroBloc®PU 506 is a 2 component PUR Injection resin. Because of its low viscosity the material penetrates excellent in fine structures and cracks. This penetration is supported by a long reaction time. Even the hardening in thin layers is definite.

The reaction product is an elastic polyurethane plastic with an excellent adhesion on all typical building materials, the resistance of the product is good.
Application tasks are sealing against water in concrete structures as well as joint injection and tube injection.

Both components will be mixed 1 : 1 by volume. This user friendly mixing ratio in combination with a long reaction time makes HydroBloc®PU 506 easy and simple to use. Normal injection pumps are suitable for processing even 1 component pumps.

HydroBloc®PU 506 does not contain any substances which attack concrete or reinforcement the material is resistant against concrete typical alkalinity and aqueous salt solutions, many solvents and other chemicals.

It is possible to accelerate HydroBloc®PU 506 with HydroCat®508, the accelerator will be added into the A component. The reaction time depends on the amount of accelerator, it is possible to increase the reaction up to a few minutes. Highly activated mixtures should be used with 2 component pumps.

Detailed information safe and correct processing are explained in HydroBloc®PU 506, processing instruction.

Properties

Components	: 2
Component A	: Mixture of Polyolen and additives
Component B	: Diphenylmethan-4,4-diisocyanat, modified
Mixing ratio	: 1 : 1 after volume
Density (mixed 1:1)	: 1,05 gr/ml on 20°
Viscosity (mixed 1:1)	: 90 +/- 25 mPa.s (20°C)
t-gel, by 20°C	: Approx. 80 minutes
Elasticity	: Approx. 50 %

Injektionspumpe Typ 2002 und 2003

Safety

HydroBloc®PU 506 is physiologically completely harmless when used as an injection agent as intended. It is nevertheless recommended to wear protective clothing and goggles. The regulations of the professional associations for the processing of injection agents must be observed.

HydroBloc®PU 506 has been tested according to the KTW guidelines in Germany and meets these requirements. It may therefore also be used in direct contact with drinking water.

HydroBloc®PU 506 must be stored in a cool, dry place and in such a way that it is not accessible to children. It must not be stored together with food and is not intended for consumption. HydroBloc®PU 506 can be stored for at least 12 months.

Further and detailed information on the safe handling of this product can be found in the safety data sheet for HydroBloc®PU 506.

Additional Accessories:

HydroCat®508

This accelerator is amine free and specially designed for ARCAN PUR resins. HydroCat®508 will be added into component A. 1% accelerator will reduce the reaction time about 50%

HydroSolv®520

A highly effective rinsing solvent for cleaning PU machines. The product is an environmentally friendly safety solvent with a very high flash point. Harmless, non-toxic or harmful to health, no labelling and no transport restrictions.

HydroMoll®522

Efficient and budget-priced conservation and care material for PUR machines and hoses. Combination made of solving additives and special weakeners. Could stay in machines until next use, HydroMoll®522 avoids glueing of gaskets and valves.

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passion to invent