



HydroBloc[®] PU 506 nv

Elastic injection resin with low viscosity for waterproofing

HydroBloc-506nv 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 VA-506, processing instruction.



Injektionspumpe Typ 2002 und 2003

Properties

Components	: 2
Component A	: mixture of Polyolen and Additiven
Component B	: Diphenylmethan-4,4-diisocyanat, modified
Mixing ratio	: 1 : 1 after volume
Density (mixed 1:1)	: 1,05 gr/ml bei 20°
Viscosity (mixed 1:1)	: 80 +/- 25 cStk. (20°C)
t-gel, by 20°	: ca. 80 minutes
Elasticity	: ca. 50 %

Labeling

Work safety	: GHS08, GHS07 (Komponente B)
ADR/RID (Transport)	: No restriction
VOC	: 0 (Does not contain VOC-relevant connections)
Poisonous category CH	: Not classified

Safety HydroBloc PU 506 is absolutely harmless when used as an injection resin. We recommend additionally to wear goggles and safety working clothes. The instructions of the government safety organisation for the use of injection resins need to be kept.

HydroBloc Pu 506 is certified after the KTW rules in Germany and fulfils the demand it is possible to use the material in direct contact with drinking water.

Storage conditions should be cold, dry and dark. Keep away from children. Store away from food and do not eat the material. HydroBloc PU 506 is minimum 12 month storage stable.

The safety datasheet contains additional information for safe handling.

Additional Accessories:

HydroCat - 508

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

HydroSolv 520

Highly reactive solvent for machine and equipment cleaning. Environmental friendly solvent with high flash point. Harmless, non toxic or unhealthy, non labeling or transport restriction.

HydroMoll- 522

Efficient and budget-priced conservation and caring 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.



Unsere technischen Informationen beschreiben den heutigen Stand unseres Wissens über dieses Produkt. Sie sollen nur über die Möglichkeiten seiner Anwendung informieren und können den Anwender nicht von seiner Verpflichtung auf sorgfältige eigene Prüfung des Produktes für die vorgesehenen Anwendungen entbinden. Informationen zur Verarbeitung des Produktes finden Sie in der Verarbeitungsanleitung; Informationen zum sicheren Umgang mit HydroBloc-PU 506 im aktuellen Sicherheitsdatenblatt.

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