



HydroBloc®516-P

Tough, closed-cell PUR foam for floats, fastening and cavity filling

HydroBloc®516-P is a 2-component polyurethane foam with high strength. The material was specially designed for filling, sealing and fixing.

The filling of large cavities and metal structures, such as pontoons, is favoured by the long foam development, thus ensuring optimum filling. The fine, closed cell structure guarantees that the pontoon will float even after the metal shell has failed. HydroBloc®516-P does not absorb water.

HydroBloc®516-P is also suitable for fixing posts or railings in non-load-bearing structures due to its enormous strength. HydroBloc®516-P is also suitable for fixing fence posts due to the rapid strength development of the PU foam and the simple processing in a mixing ratio of 1:1. HydroBloc®516-P is a quick and easy replacement for concrete.

Technical features

Packaging	2 components
Component A	Polyol mixture
Component B	Polymere Diisocyanate MDI-Type
Mixing ratio	1:1 by volume
Density (mixture 1:1)	Approx. 1,1 +/- 0,05 kg/L
Viscosity	Approx. 450 - 550 mPa.s (20°C)
Starting time	1 - 1,5 min (at 20°C)
Rising time	1 - 6 min (at 20°C)
Tack free	15 - 20 min
Density after foaming	Approx. 35 kg/m ³ (free foam)
Foam Ratio	30 litres
Water absorption	0,1 % in 3 hours

Application:

Stir component A thoroughly before use.
Use a 2-component pump to apply the material.

Clean the equipment with HydroSolv®520.

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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