

HydroBloc AC-555 Hydrophilic Injection Resin, Water Soluble.

Hydrobloc AC-555 is an injection resin, manufactured in accordance with Arcan's own procedures. It is a thin liquid, is not troubled by moisture and has outstanding adhesion to difficult and moist substrates. It is compatible with water without side reaction (No foam !) and, if required, can be mixed with water *. It reacts safely and quickly at low temperatures (Maximum frost -20°C. !).

Applications

- | Tensile bonding and sealing of joints, cracks and fissures.
- | Fixing of porous tiles, floor slabs and screeds.
- | Consolidation and stabilisation of loose sands and porous rock.
- | Mixed with quartz powder and sand as a cast and anchor mortar.
- | Mixed with water to form a high strength Hydrogel.

Delivery Form	: Two components - main component and hardener.
Mixing Ratio	: 100 : 2 by volume (variable).
Density	: approx. 1.05 g/ml / 20°C.
Viscosity	: approx. 75 mPa.s / 20°C.
Solids Content	: 100%
Gel Time	: 70-80 minutes at 20°C without additional accelerator.
Solvent Content	: None.
Identification	: Label Xi (irritant).
Transport Regulations	: No danger, no restrictions.

Processing

Hydrobloc AC-555 can be processed with all the usual injection machines and equipment. The curing time of the product is regulated by the addition of activators (Hydrocat DA -10 and PT-10) from one to two hours down to a few minutes.

For use as a Hydrogel, the product is mixed 1:1 by volume with water. For such gels, Hydrox-N (dissolved in water) is used as a reaction starter. In addition, the use of a special activator (Hydrocat T-50) is essential. The parts of the injection equipment in contact with the product should be made from stainless steel.

J Important : Machines and equipment can be cleaned with water !

This technical information describes the current state of our knowledge of this product. The purpose of the information is to indicate the possible uses of the product and it does not discharge the user from his responsibility to establish the suitability of the product for his specific application. Information on the use of the product is provided in the operating instructions. Information on the safe use of the product is provided in the Safety Data Sheet for Hydrobloc AC-555.

