



VOLSEAL AQUAPLUG®

**T
E
C
H
N
I
C
A
L
D
A
T
A**

FAST-SETTING PLUGGING COMPOUND

DESCRIPTION

AQUAPLUG is a single pack, fast-setting hydraulic compound that instantly stops flowing water and seepage through concrete and masonry surfaces.

AQUAPLUG is a non-shrink material that expands slightly and sets in approximately 3 minutes depending on the temperature of the mixing water and the surface to which it is applied.

APPLICATIONS

AQUAPLUG applications include the stopping of running water and seepage through cracks and holes in masonry, walls, dams, wells, tanks, wall and floor junctions etc. It can also be used as a grout around pipes and conduits and as an anchoring product or as a rapid-set filler.

INSTALLATION

Preparation

Before applying AQUAPLUG, chisel out masonry around the hole or crack to a depth and width not less than 25mm. If the areas to be patched are holding water under pressure, make weep holes at the base of the wall to relieve pressure.

Mixing

AQUAPLUG should be gradually added to clean water and mixed with a small trowel for 45 seconds. Mix 1:4 water to powder by volume or 1:5 water to powder by weight.

Priming

No primer is necessary.

Application

Hold the prepared AQUAPLUG in a gloved hand until heat generation is felt, then force the material into the crack or void. Hardening will take approximately 3 minutes. After the material has been allowed to harden and no sign of water ingress is visible, it is advisable to overcoat with the VOLSEAL 250 system (see appropriate data sheets).

CURING

Under normal circumstances or if the material is to be overcoated, then no curing is necessary. Under severe drying conditions, the use of a sprayed-on curing membrane, wet hessian or polythene sheeting is recommended to prevent rapid drying.

CLEANING

All equipment should be cleaned with water immediately after use.

LIMITATIONS

Do not place when the substrate temperature is below 5°C or when the ambient temperature is 5°C and falling. Protect from frost. Do not exceed the maximum recommended water content and only use clean water.

SIZE & PACKAGING**Materials Supplied**

25Kg polythene-lined paper sacks.

Coverage

A 25Kg bag using 4.1 litres of water will yield approximately 13.3 litres of pourable grout.

STORAGE

Store under cover, in unopened bags clear of the ground in cool dry conditions, protected from frost and excessive draught. When stored as above, and used within 6 months of the date shown on the packaging, the activity of the reducing agent added will be maintained and the mixed product will contain no more than 0.0002% (2ppm) soluble chromium (VI) on the total dry weight of the cement.

SHELF LIFE

6 Months in unopened bags stored under good conditions.

HEALTH & SAFETY

Please consult the appropriate Material Safety Data Sheet prior to using AQUAPLUG.

NOTES

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee.

Further information is available from our Technical Department.