

PLUG 320

Rapid Set Water Plug

GENERAL DESCRIPTION

AXEL PLUG 320 is a chlorides free hydraulics rapid set cement grout powder. When mixed or comes into contact with water, it generates heat and reacts to form into a "water plug".

AXEL PLUG 320 is used as a "water plugging grout" to block and seal damp or water leaks in concrete structures.

RECOMMENDED USES

Suitable for use as a water stopper at:

- * Rock and concrete
- * Joints between concrete and steel
- * Subways and tunnels
- * Dam, pools and basement
- * Culverts

CHARACTERISTICS & ADVANTAGES

- * Economical
- * Environmental friendly
- * Shrinkage and cracking free
- * Remarkable water stopping power & hydraulic resistance
- * Easy to use and no special equipment required.
- * Very fast setting
- * Corrosion free
- * Good adhesion to substrate

COVERAGE

Not applicable

COLOURS

Dark brown

PACKING

1 kg, 5 kg per pail and 25 kg per bag

STORAGE

Store in a dry, cool and shaded place



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SURFACE PREPARATIONS

Cut concrete or substrate into "V" shape around leaking point. Remove all loose particles, dust, unsound and clean surface with water prior application of **AXEL PLUG 320**.

METHOD OF APPLICATION

- * Mix **AXEL PLUG 320** with water thoroughly until become paste/grout. Fill mixed fresh **AXEL PLUG 320** into the "V" shaped cut, working from outside and towards the centre of the leak.
- * Hold material in place and then strike off flush with surface.
- * For very high water pressure area, it is recommended to use wooden plug first, which is then covered and secured with **AXEL PLUG 320**.
- * It is recommended to mix **AXEL PLUG 320** in small quantities. Large quantities might result in hardening before completely used.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No of components	One
Mixing ratio	0.3 water / 1 AXEL PLUG 320
pH	> 7
Compressive strength (28 days)	48 Mpa
Tensile strength (28 days)	10 Mpa
Flexural strength (28 days)	30 Mpa
Reaction start harden	1-3 minutes

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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