

Duraplug

Optima Coatings DURAPLUG is a rapid setting cement compound used to stop flowing water in concrete water retaining structures. DURAPLUG sets within 15 minutes.

Colours: Grey

PRODUCT USES

- stop soaking water caused by water pressure
- stop flowing water through holes and cracks in concrete and masonry surfaces
- seals around pipes, conduits and ducts
- Industrial floor repairs where down time is critical
- typical areas of application include dams, tunnels, cellars, basements, reservoirs and garages, etc
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ADVANTAGES

- easy to use-just add water
- sets within 1-2 minutes
- expands on setting
- high early strength
- can bulk up by adding 12-14kg of 10mm aggregate
- frost, freeze/thaw and salt resistant

COVERAGE

- Mix 2,6 – 2,9 litres of water per 25 kg bag DURAPLUG, depending on aggregate added.

SURFACE PREPARATION

- the surface clean and must be free of dust or plaster
- never mix more product that can be used in 2 minutes
- wet surface to be treated before application.

APPLICATION

- Pour clean water into a mixing vessel and add DURAPLUG slowly mixing continuously. Mix under 500 rpm with a slow speed mixer for 3 minutes.
- If volume and additional strength is required add 12-14kg of 5 -10mm aggregate to the mix which will yield a total of approximately 18 litres of finished product.
- wearing latex gloves add clean water to small amount of DURAPLUG
- And mix to the consistency of a putty
- plug the material into the opening and hold firmly in place until the product has hardened.

CLEANING

- Clean tools and equipment using water.

SAFETY PRECAUTIONS

- As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product is fully cured or dried).
- Treat splashes to eyes and skin immediately.
- If accidentally ingested, seek immediate medical attention.
- Use in well ventilated areas and avoid inhalation.
- Keep away from children and animals.
- Reseal containers and dispose of as per local regulations.

TECHNICAL DATA**PROPERTIES:**

Colour	grey
Application temperature	+5 DEG C
Setting time	1-2 minutes
Trafficable	after 15 minutes
Loading	after 1 hour
Tools	rubber gloves/pointing trowel
Flashpoint	non flammable
Storage life	1 year
Packaging	25Kg bags

PERFORMANCE RESULTS:

AGE (MPA) (ASTM C-928)	COMPRESSIVE STRENGTH
1 hour	18
2 hours	40
24 hours	50

Properties listed are for guidance and are not a guarantee of performance.

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Updated: March 2016 (this supercedes all previous publications)