

HOME SHIELD Leak Stop

BERGER
(HOME)
SHIELD
SCIENTIFIC WATERPROOFING SOLUTIONS



Advantages



Emergency water stopping capability

Easy to use. Requires addition of clean water only at site



Excellent bond to substrate

Plugs wet cracks in concrete and masonry surfaces to seal out water



Stops water seepage at floor and wall junctions

Stops running water, reducing damage



Expands as it sets for a water tight repair

Contains no chloride admixture



Product Description

HS Leak Stop is a ready to use blend of dry powders which requires addition of clean water to produce highly consistent rapid setting cementitious, easy to apply mortar.

HS Leak Stop is particularly effective for stopping the flow of running water and stop leaks in concrete and masonry surface.

Application

For rapid temporary patching / plugging of concrete and brickwork in

- Sewage system.
- Plumbing system.
- Pipes and bell repairs.
- Tunnel lining.
- Underground access chambers / manhole repairs
- Basement repairs
- Anchoring bolts and hand rail setting

Physical Appearance



Cementitious grey powder

Initial setting time



5 - 6 minute

Thickness



15mm, minimum

Mixing ratio of water



0.18 L

Ambient temperature



> 25°C

Compressive strength



- 1 day: 170 Kg / Cm²
- 7 day: 280 Kg / Cm²
- 28 day: 320 Kg / Cm²

Cleaning & Maintenance

Clean tools and equipment with water before the material hardens

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

HOME SHIELD Leak Stop



Packs

Available in 1 kg
pack

Storage

Keep in cool and dry
place, under shed,
away from heat



Shelf Life

12 months in
original unopened
sealed condition



Application Methodology

Surface preparation



- Clean the desired area of all oil, grease, dirt, debris, laitance, dust from the patch before application.

Material Preparation



- Add 1 kg of HS Leak Stop into 180 ml of clean water.
- In case of ambient temperature is below 4°C, use of lukewarm water is advisable to accelerate strength development.
- Since HS Leak Stop, is rapid setting in nature, prepare adequate quantity of HS Leak Stop.

Application of Material



- Place the prepared mix immediately on the concrete / masonry surface, where leakage is happening.
- In case of plug running water, HS Leak Stop should be used and held in place until the initial set is reached.

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