



SealCrete RapidPatch

PRODUCT INFORMATION SHEET

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Betonit SealCrete RapidPatch is fast-setting hydraulic cement used to repair concrete cracks and stop leaks from seepage to running water. When mixed with water, it undergoes chemical reaction that will make it insoluble in water. Patching in cracks or holes even under water pressure will not affect its hardness and strength.

FEATURES

- Set in 15 minutes
- Expand as it dries
- Seals both inactive and active leaks
- Can seal floor and wall joints
- Can seal settlement cracks in masonry walls

PRODUCT DATA

** Results may vary depending on actual use and site conditions*

Color		Light gray
Pot-Life		<10minutes
Setting Time	<i>initial</i>	3 to 5 minutes
	<i>full strength</i>	7 days
water to powder ratio	<i>active leaks</i>	0.2 or 1water:5powder
	<i>inactive leaks</i>	0.25 or 1water:4powder
Compressive Strength	<i>1 hour</i>	300psi
	<i>28d sc</i>	1200psi
Shelf Life		12 months in cool, dry place

SURFACE PREPARATION

- It should be clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other contaminants which may interfere with proper bonding.
- In cementitious surfaces, concrete or plaster must be free of efflorescence & excess moisture.
- Remove existing coatings or laitance by water or sand blasting or any forms of abrasive system.

MIXING

Consistency of material is critical. Consistency varies depending on condition of leak and pressure of water to be patch. For, active leaks mix 1 part of water to 5 parts of powder until loose consistency is achieved. For inactive leaks, mix 1 part of water to 4 parts of powder until creamy consistency is achieved.

This mixture will set in 15 minutes. Mix only enough for requirement since material will set fast. Use cold water during hot temperature application for it will retard the setting time of material.

APPLICATION

Widen the affected portion by chiseling out an inverted "V"-shape. The material can patch 20mm hole with active leaks.

Use gloves during application since material will undergo exothermic reaction and will be warm to touch if setting time is near.

Active Leaks/Running Water

Create clay out of the loose material with hand and force into the opening with the palm. Hold the material in place for 2 to 3 minutes. To retouch with desirable finish, it can be brush with water to slightly soften the patch material and float with steel or wood trowel.

Inactive leaks/Seepage

Apply with putty knife or trowel or even with hand into the opening. Retouch or finish with either steel or wood trowel depending on the desire finish.

LIMITATIONS

- Do not add extra water on stiffen mixture. Discard unused hardened material.
- Mix only sufficient material that can be applied in less than 10 minutes depending on temperature and kind of leaks.
- Do not use in dynamic or moving substrate.

PACKAGING

500g pouch and 4Kg container

SAFETY DATA

- Avoid inhalation of the powder
- Avoid prolonged skin contact
- Avoid eye contact, wearing eye goggles is recommended
- MSDS available upon request