



Vertical, Overhead & Precast RAPID REPAIR VERTICAL & OVERHEAD MORTAR

Average Set Times:

Initial: 15 - 20 minutes @ 72°F/22°C

Final: 25 - 35 minutes @ 72°F/22°C

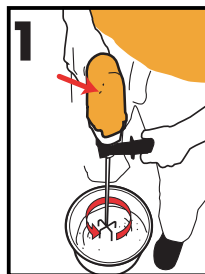
Approximate Yield per 17 lb Unit:

26 ft ² @ 1/16" (1.5 mm)	3 ft ² @ 1/2" (12.0 mm)
13 ft ² @ 1/8" (3.0 mm)	2 ft ² @ 3/4" (18.0 mm)
6 ft ² @ 1/4" (6.0 mm)	1.5 ft ² @ 1" (24.0 mm)

Surface Preparation: Follow ACI and/or ICRI recommended practices to attain structurally sound conditions in preparation for repair, i.e.: Concrete surfaces must be structurally sound, free of deteriorated concrete, and all other bond-inhibiting materials. Mechanically prepare surfaces to achieve a surface profile equal to CSP 5-7 (CSP as per ICRI Guideline). Properly clean profiled area by water-blasting. All surfaces must be saturated surface dry (SSD) but with no standing water, immediately prior to application. Prepare reinforcing steel to a near white metal finish. No bond coat is necessary.

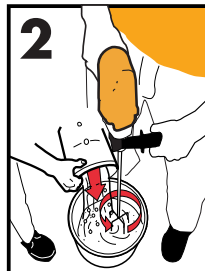
MIXING & INSTALLATION:

- Infra-red thermal gun is required for mixing VR.
- To ensure product performance, do not divide individual units into smaller portions. Mix entire contents at one time.
- Ideal water temperature is between 65°F/18°C and 75°F/24°C. VR can be applied in ambient temperature ranges of 40°F – 100°F (4°C – 38°C) and can be re-worked to a gel state prior to final set without additional water.
- Refer to TDS for full instructions prior to starting any application.



1 Tumble bucket on ground to loosen materials, then to begin the mixing process, dry mix powders in the bucket for approx. 30 seconds.

Do not hand mix. A drill (6 amp minimum) with a mixing blade turning at least 500 to 800 rpm is required. Drills with speeds greater than 800 rpm may entrain air into mix.



2 Pour all water (1 qt per 17 lb unit [0.95 L per 7.7 kg]) into bucket, on top of VR powder. It is very important to rapidly incorporate all of the dry VR powders into water to achieve a uniform wet mixture within the first 30 seconds of mixing.

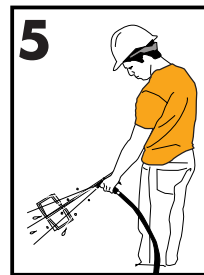


3 Continue mixing until: **Critical Mix Temperature (CMT) of 90°F/32°C is reached. Use infra-red thermal gun throughout mixing to check temperature.**

Varying ambient temperatures and conditions affect time to achieve CMT, therefore mixing times greatly vary. There is no minimum or maximum mixing time. Mixed material MUST reach CMT.



4 Place material into repair area when CMT of 90°F has been achieved. Minimum product thickness is 1/16" (1.5 mm). Maximum product thickness is not limited, however when placing product greater than 4.0" (10 cm) layering is required to minimize sag. Scrub coats can be utilized when the host concrete is excessively dry or when very thin cosmetic applications are desired. Finish the repair to the desired texture and/or to match the surrounding concrete. DO NOT use additional water during the finishing process.



5 Clean all equipment immediately with water. Hardened material can only be removed mechanically. Pavemend-VR is self-curing.

Storage & Shelf Life: Store bags and pails indoors in a cool and dry location. Pails 24 months when sealed in original, unopened packaging.

(label 012226-acc)

PAVEMEND VR



DANGER!

Hazards: Causes serious eye damage/ causes skin irritation (alkaline when moistened). May cause respiratory irritation/cancer. **Precautions:** Wear eye protection/face protection/gloves/ protective equipment as required. Wash skin thoroughly after handling. IF INHALED: Remove victim to fresh air/keep at rest in a position comfortable for breathing. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes/remove contact lenses, if present and easy to do/ continue rinsing. IF skin irritation occurs get medical advice/ attention. Take off contaminated clothing and wash before reuse. IF exposed/ concerned get medical advice/attention.

17 lbs (7.7 kg)

AQUAFIN

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