

OVERVIEW & FEATURES

Gar-Rock is an all-weather, fast setting, chemical action concrete patching material designed to patch concrete surfaces where quick, permanent repairs are desired. Gar-Rock can be used at below freezing temperatures. It exhibits high compressive and flexural strength, and it forms a permanent bond to ordinary concrete. Gar-Rock is mixed with water only. It can be used in damp areas, and the material does not emit any toxic fumes.

PRODUCT ADVANTAGES

Reduces Downtime - Sets in 15 minutes. Ready for truck traffic in 45 minutes.

Strength - Repaired area is stronger than the original surface.

Versatile - Permanent repairs can be made anywhere, in any kind of weather.

Easily Applied - Mixes with ordinary tap water. Pours or trowels easily into place. No primers required.

USES

Gar-Rock is suitable for virtually all industrial concrete floor repairs. Gar-Rock can also be used to repair sidewalks, curbs, freezer rooms, truck docks and chuckholes. It is ideally suited for in-plant road maintenance and as a floor leveler for both interior and exterior applications.

Gar-Rock makes an excellent filler for pitch pockets. Fill the pitch pocket with Gar-Rock 1" (25.4 mm) from the top and the rest is filled with Seal-Tite. Each unit of Gar-Rock will fill 648 cubic inches (0.01 m³). Multiply the size of the pitch pan by the depth to get the cubic inches of the pitch pan, then divide into 648 and that will give you the number of pitch pans you can fill with one unit of Gar-Rock.

APPLICATION

Gar-Rock should only be applied to properly prepared surfaces. A sound base is essential for effective repairs. Chip out the area to be repaired approximately 1/4" (6.35 mm) deep. Remove all oil, grease, dust, dirt, and loose concrete material. Dampen the sides and the bottom of the hole. Remove any standing water from the area to be repaired. Use a clean mortar box and hoe or paddle type mortar mixer to mix the Gar-Rock.

Only 3 1/2 pints (1.66 liters) of clean water are required to completely mix each 45 pound (20.4 kg) pail. Excess water reduces the strength of the cured product. Gar-Rock should be applied immediately after it is mixed. Place or force the mix into the prepared area and trowel until a smooth level surface has been reached. Work the material well into the base to insure a good bond. Do not overwork or overtrowel, and do not attempt to re-temper the mixture with additional water.

For deep repairs, up to 25 lbs. (11.3 kg) of 3/8" (9.53 mm) aggregate can be added to increase yield. The aggregate mix should be applied up to 1/4" (6.35 mm) of the surface. Gar-Rock is then used to smooth and level the repair.

Technical Data	Gar-Rock
Flexural Strength 3 x 4 x 16" Prisms	550 psi
Compressive Strength	1 hour = 2,000 psi 28 days = 8,500 psi
*Set Time & Strength (psi) @ 72°F (22°C)	1 hour = 2,000 psi 24 hours = 6,000 psi 3 days = 7,000 psi
Shelf Life	12 months - properly stored
Coverage	36 sq. ft. (3.34m ²) @ 1/8" (3.18 mm) thickness
Packaging 45 lbs. (20.4 kg) pail	5 gallon (18.9 l)

* Time and strength varies depending on air temperature and humidity.

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

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G-R 0624