



WEDJROK CEMENT

*High Speed, Expansive
Anchoring Compound*

1. Product Description

a. **Basic Use:** Wedjrok Cement is a dry cement compound which when mixed with water hardens rapidly to a permanent, solid mass. Wedjrok Cement is designed for applications in dry areas. It sets firm within 15 minutes and is stronger than concrete in 1 hour. Final strength is twice that of conventional concrete.

b. **Features/Benefits:**

- Excellent as a quick setting anchor material.
- Can be used down to freezing temperatures.
- Expands slightly as it sets - locks permanently in place.
- Contains no iron - no ugly rust stains.
- Mix with water only - no dangerous liquids required.
- Resistant to oil, grease and solvents.
- Can be poured or troweled.
- Light gray in color - can be painted.

c. **Typical Applications:** Floor bolts, anchors, rails, dowels, posts, machine bases, pipe sleeves, blockouts, and any application requiring high anchoring power in a short time frame.

d. **Limitations:** Wedjrok Cement should not be used in areas or applications exposed to running water or that are continuously wet. It is not intended for exterior use.

e. **Composition:** Wedjrok Cement is an expansive cementitious system which contains proprietary chemicals and highly reactive compounds.

f. **Color/Appearance:** Similar to light colored concrete.

2. Packaging

Wedjrok Cement is packaged in 10-lb. (4.5 Kg) tubs, 25-lb. (11.3 Kg) pails, 50-lb. (22.7 Kg) pails, and 125-lb. (56.7 Kg) drums.

3. Estimating/Yield

<i>Size of Container</i>	<i>Yield</i>
10-lb. (4.5 Kg)	0.10 cu. ft. (0.003 cu. m)
25-lb. (11.3 Kg)	0.25 cu. ft. (0.007 cu. m)
50-lb. (22.7 Kg)	0.50 cu. ft. (0.014 cu. m)
125-lb. drum (56.7 Kg)	1.25 cu. ft. (0.035 cu. m)

4. Technical Data

a. **Compressive Strength:** ASTM C 109, 2 in. (50 mm) cubes at 72°F (22°C).

<i>Age</i>	<i>Strength</i>
1 hour	4,000 psi (28 MPa)
1 day	5,000 psi (34 MPa)
7 days	7,000 psi (48 MPa)
28 days	8,000 psi (55 MPa)

b. **Final Set:** ASTM C 191; 15 minutes.

c. **Expansion:** ASTM C 157; +0.2% at 75 minutes.

5. Directions for Use

a. **Preparation:** Contact surfaces of concrete or masonry must be clean, sound and textured. Chip or chisel to get to sound concrete. Bolts, anchors, or rails should be clean and free of oil or grease. Blow off any dirt or dust from contact areas with compressed air.

b. **Bonding:** No bonding agent is required. Pre-dampen contact surfaces before Wedjrok Cement installation.

c. **Mixing:** Mix only as much Wedjrok Cement as is needed for the job or that can be placed in 15 minutes. Use approximately 3 pints (1.4 liter) of water for each 10 lbs. (4.5 Kg) of Wedjrok Cement. Mix to a smooth, pourable consistency by hand.

d. **Placing:** Pour Wedjrok Cement into bolt hole, rail blockout, or annular space around pole.

e. **Curing:** Cure with one coat of Seal N Kure or Metcure.

f. **Maintenance:** No maintenance is normally needed. Wedjrok Cement may be sealed or coated with standard concrete products.

6. Availability

Wedjrok Cement is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Wedjrok Cement is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



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