

MasterRoc[®] EQ 250 OR

Dry oakum rope for chemical grout applications

Description

MasterRoc EQ 250 OR is a dry oil free oakum rope made of twisted jute, designed for use in chemical grout applications. When used in combination with MasterRoc MP chemical grouts, the rope swells to seal cracks, joints, and annular spaces around pipe penetrations. This assists in reducing material waste, and makes the grouting easy to handle in difficult conditions.

Applications

Recommended for use in:

- Sealing joints and cracks
- Sealing around pipe penetrations
- Stopping and/or slowing water flow
- Pre-injection surface sealing
- Crack injections
- Underground or water bearing structures to assist in chemical grouting

Features

- Made of natural, oil free jute fibers
- Loose twist [1 ¼ turns per ft (4 turns per m)] – can be easily unraveled to fit into smaller joints or cracks
- Easy to cut into desired workable lengths

Benefits

- Excellent absorption
- Environmentally preferred
- Can easily fit into small joints or annular spaces between 1/4 in. to 2 in. (6 mm to 50 mm)

Performance Characteristics

Technical Data

Color	Brown
Length*	100 ft (30.5 m)
Diameter*	2 in. (50 mm)
Mass*	50 lb (22.7 kg) or 0.5 lb/ft (0.75 kg/m)
Number of strands twisted	8

*Approximate



Guidelines for Use

Application Procedure:

1. Clean the area to be sealed to facilitate a good bond to the substrate. Wet the substrate with water.
2. Cut MasterRoc EQ 250 OR dry oakum rope into desired workable lengths, normally between 18 in. to 24 in. (0.5 m to 0.6 m). Note that properly saturated and installed oakum rope will create a seal to itself and hence, several short strips of MasterRoc EQ 250 OR dry oakum rope may be used, in order to provide a proper seal.
3. Slightly loosen the strands to enhance grout absorption.
4. Pour MasterRoc MP chemical grout into a clean container with a large opening.
5. In a second container, pour clean water to be used to activate the chemical grout.
6. Soak MasterRoc EQ 250 OR dry oakum strip in the MasterRoc MP chemical grout. Work the grout into the oakum strip till it is saturated with the grout.
7. Take the saturated MasterRoc EQ 250 OR oakum strip out of the grout pail. Gently remove the excessive grout by hand.
8. Dip the saturated MasterRoc EQ 250 OR oakum strip into the pail of water to initiate the chemical grout reaction.
9. Take the saturated and wetted MasterRoc EQ 250 OR oakum strip out of the pail of water immediately and place it into the joint, crack, or annular space. Use a screw driver or a metal rod to facilitate the placement of the strip if necessary.
10. Mist or spray additional water onto the surface of the MasterRoc EQ 250 OR oakum strip in place (use caution only to wet the surface and not to wash out the grout).
11. Allow the chemical grout to fully react and cure.
12. Repeat the procedure as required, to fill the entire area to be sealed.
13. Excess grout that expands out of the sealed area may be removed by mechanical means (such as cutting or grinding) after the grout is fully cured (use caution not to dislodge the newly formed seal).

Limitations: Wider cracks and joints sealed with MasterRoc EQ 250 OR oakum rope saturated with chemical grout may require additional grout injection to achieve complete seal if excessive pressures or high water flow are present.

Storage and Handling

Storage Temperature: Store MasterRoc EQ 250 OR oakum rope in dry conditions.

Safety Precautions:

1. Cutting the dry oakum rope
 - a. Always wear proper personal protective equipment, including gloves, goggles, protective clothing, etc.
 - b. Work on a flat and well-lit surface.
 - c. Use proper tools and safe cutting techniques to prevent injury.
 - d. Make all cutting motions away from the body.
2. Installing the dry oakum rope
 - a. Always wear proper personal protective equipment, including gloves, goggles, protective clothing, etc.
 - b. Do not ingest or inhale fibers.
 - c. Avoid contact with skin or eyes.
3. Follow safety guidelines for Master Builders Solutions chemical grouts.

Packaging

MasterRoc EQ 250 OR oakum rope is available in a 50 lb (22.7 kg) box. One continuous coil per box.

Related Documents

Safety Data Sheet and Technical Data Sheet of the MasterRoc MP chemical grout to be used with MasterRoc EQ 250 OR oakum rope.

Additional Information

For additional information on MasterRoc EQ 250 OR oakum rope, please contact your local sales representative.

Master Builders Solutions creates technologies for the construction industry inspiring people to build better. We are active in ~40 countries and operate 35 production sites with over 1,600 employees. We develop, produce, and market high-quality chemical admixtures, as well as adjacent core technologies, to master the challenges of today and support a decarbonized future. Our people are pivotal and pair leading technologies and a strong brand heritage to surpass our customers' expectations and drive continuous value creation.

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