

AP OAKUM

DESCRIPTION

AP OAKUM is an oil free dry jute rope which can be used dry or soaked in AP SEAL 500, SPETEC PUR F400 and SPETEC PUR F1000 to seal leaks in concrete structures. It works well dry to drive into cracks as a temporary seal to allow injected resin time to cure without washing out.

ADVANTAGES

- Low-viscosity.
- For dry and wet applications.
- Deep penetration in micro cracks.
- Solvent-free.
- Excellent adhesion to concrete.
- Long processing time.
- Dry version does not initiate water-activated resins
- Can be cut to any length and torn to any thickness for application
- Fibrous design absorbs liquid resins
- Easily placed in cracks, joints, and pipe penetrations

FIELD OF APPLICATION

- Flushing injection resin out of pumping equipment.
- Delivery vessel for low viscosity chemical grouts to be installed into relatively large cracks and joints in concrete.
- Can also be used around pipe penetrations and in large cracks and joints in masonry and stone work.

APPLICATION

Note: the following are a few typical application descriptions. In case of other jobsite parameters, please contact our technical department.

PRELIMINARY ANALYSIS

Determine is large crack or joint is structural or cosmetic. If deemed structural, consult appropriate engineer. Oakum is typically utilized in conjunction with water-activated chemical grouts in leak-sealing applications. Void filling of these spaces can also be achieved through similar application techniques and appropriate product selection.

PREPARATION OF THE SUBSTRATE

Remove all existing sealant, debris, or contamination of any kind. In large openings, insect for loose concrete or anything that would prevent insertion of Oakum into the desired depth and location.

PREPARATION OF THE PRODUCT

Firstly, cut Oakum into desired lengths and segments. Pre-mix hydrophobic or hydrophilic chemical grouts per manufacturer recommendation in separate container taking note of working times and reaction times. Once material is mixed, quickly and fully soak the Oakum in the mixed chemical grout. Place the saturated Oakum to desired location.

PREPARATION OF THE EQUIPMENT

Oakum is typically manually installed. Be sure to wear full hands, arm, face, and eye covering at all times. Chemical grout can drip, spill and cover anything with which it comes in contact.

APPLICATION

Clean

1. Clean the surfaces to which the oakum will be applied. Wet the surfaces down if necessary to react with the resin.
2. If necessary, cut the oakum into appropriate lengths.
3. Place oakum in a clean container (5 gallon/18.9 liter pail or plastic bag) and saturate with resin. Allow time for the resin to soak into the oakum.
4. Using gloved hands, pull a section of oakum through a loose set to wring excess resin from the oakum.
5. Optional Step: Dip the oakum into a pail of water to begin the reaction process. This will begin the reaction process of the resin. This step causes the resin to begin to expand.
6. Pack oakum into the joint, crack, or other defect using a screwdriver, wooden dowel, or other mechanical device sized appropriately for the joint, crack or defect.
7. After the resin has cured you may inject additional resin through a grout needle directly through the oakum or by drilling holes through the concrete behind the oakum.
8. Allow the material to cure overnight before attempting to trim the excess foam.

REQUIRED TOOLS

Industrial-grade scissors or knife, mixing container.

CLEANING AND MAINTENANCE

Clean all mixing tooling with solvent or thinner. Dispose of gloves.

COMPLIMENTARY PRODUCTS

Alchemy-Spetic Hydrophobic and Hydrophilic Chemical Grouts.

ADVICE / FOCAL POINTS

Most chemical-grouts are water-reactive. When mixed, these products react with ambient moisture in the air. Take clear note of working and reaction times to allow for adequate placement time on-site.

TECHNICAL DATA

	Length	Approx. Diameter
5lb. Box	26pcs x 27' (68.58cm)	1 ¼" (3.17cm)
50lb. Box	10 x 5lb. Box	1 ¼" (3.17cm)
Type	Oil Free Dry Jute Rope	

CONSUMPTION

Each 5 pound (2.26 kilogram) box of oakum will require approximately 2.2 gallons (8.32 liters) of resin. Each 50 pound (22.67 kilogram) box of oakum will require approximately 22 gallons (83.27 liters) of resin.

PACKAGING

AP OAKUM is sold in 5 pound (2.26 kilogram) or 50 pound (22.67 kilogram) cardboard boxes (ten x 5 pound boxes). Each 5 pound box contains 26 pcs of 1-1/4" (3.17 cm) diameter Oakum x 27" (68.58 cm) long for a total of 58-1/2 feet (17.83 meters) per box.

STORAGE AND SHELF LIFE

No shelf life in climate-controlled warehouse.

SAFETY PRECAUTIONS

Avoid contact with eyes and skin, always use personal protective equipment in compliance with local regulations. Read the relevant Safety Data Sheet before use. Safety Data Sheets are available on www.alchemy-spetec.com

When in doubt contact Alchemy-Spetec Technical Service.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. READ MATERIAL SAFETY DATASHEET PRIOR TO EVERY USE.