



PRIME RESINS' OAKUM

DESCRIPTION:

Prime Resins' Oakum is a fibrous twisted jute rope. It is used in conjunction with Prime-Flex resins to seal leaking joints, pipe penetrations, and conduits. Prime Resins' oakum is dry and unoled to insure maximum absorption of Prime-Flex.

USES:

Prime Resins' Oakum is used to permanently seal leaking joints and pipe penetrations.

ADVANTAGES:

Dry and unoled
Meets Federal Specification HHP117, T-1
Reduces amount of Prime-Flex used
Maximizes density of seal

PACKAGING:

10 lb. Box
Contains approximately 9 feet of rope per box
Eight 1/2 " strands, loose twist

50 lb. box
Contains approximately 95 feet of 2-1/2" diameter rope per box
Eight 1/2" strands, loose twist

Approximately 22 gallons of Prime-Flex will saturate one 50 lb. box of oakum.

TDS-OAK-4/02

ACTIVATED OAKUM TECHNIQUE (SEALING JOINTS OR PIPE PENETRATIONS)

MATERIALS:

1. Prime-Flex 900 LVSF or 900 XLV
2. Pail or plastic bag
3. Rubber Gloves
4. Oil Free Oakum , Open Cell Urethane Foam, or Burlap
5. Screwdriver and Hammer

INSTALLATION TECHNIQUES:

1. Clean the area in the joint. Dust, laitance, dirt, grease, and any chemical contamination must be removed. Be sure to remove any unsound concrete. (Cut a "V" joint around the pipe if there is not enough room to insert the oakum when sealing around a pipe.)
2. Cut the oakum (foam or burlap may be substituted) into sections that are the proper size for the job and put it into the pail or plastic bag.
3. Pour enough Prime-Flex onto the oakum to cover it up entirely (approximately 1-3/4 gallons for every 10 feet of oakum). Let it soak up as much Prime-Flex as possible. Be sure to wear rubber gloves while handling the activated oakum. Avoid breathing urethane vapors and use adequate ventilation.
4. Take the Prime-Flex saturated oakum out of the pail or bag and submerge it in water for 10-60 seconds.
5. If the joint is dry, spray it with water before inserting the activated oakum.
6. Remove the oakum from the water and force it into the joint or between the pipe and concrete. Drive it in as deep as possible using the screwdriver and hammer.
7. The Prime-Flex will expand and bite into the wet concrete to achieve a tenacious bond. This will prevent further water infiltration at the joint or around the pipe.



"Innovations in Infrastructure Repair Technology"

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Prime Oakum and Prime Flex Grout Volume Requirements for Pipe Joints

*Approximate requirements
of Prime Oakum per joint.
(Joint size of 1-1/2"-2-1/2")*

*Approximate quantity
Prime-Flex 900 XLV
or 900 LVSF grout*

<u>I.D. of Pipe</u>	<u>Length of Oakum</u>	<u>Gallons</u>
24"	6-1/2 ft.	.7
30"	8 ft.	1.4
36"	9-1/2 ft.	1.7
42"	11 ft.	1.9
48"	12-1/2 ft.	2.2
54"	14 ft.	2.5
60"	15-1/2 ft.	2.8
66"	17 ft.	3.0
72"	19 ft.	3.4
84"	22 ft.	3.9
96"	25 ft.	4.4
108"	28 ft.	5.0
120'	31 ft.	5.6