

Oakum

Biodegradable gush control

Description

Nufins Oakum is a fibrous twisted jute rope. It is used in conjunction with our hydrophilic resins to seal leaking joints. Nufins Oakum is dry and oil-free to ensure maximum absorption of hydrophilic resin.

Advantages

- Dry and oil free
- Reduces amount of resin used
- Maximises density of seal

Applications

Nufins oakum is used to permanently seal leaking joints and pipe penetrations. Approximately 83 litres of hydrophilic resin will saturate a 23 kg box of oakum (17 litres for 4.5 kg box).

Technical Information

Internal Diameter of Pipe (meters)	Length of Oakum Required* (meters)	Litres of Hydrophilic Resin
0.1	0.31	0.76
0.15	0.48	0.95
0.3	0.94	1.5
0.6	2	2.65
0.75	2.44	5.3
0.9	2.9	6.4
1.05	3.35	7.2
1.2	3.81	8.3
1.35	4.27	9.5
1.5	4.72	10.6
1.65	5.18	11.4
1.8	5.8	12.9
2.1	6.7	14.8
2.4	7.6	16.7
2.7	8.5	18.9
3.0	9.5	21.2

Note: All values are guidelines only and may vary depending upon site conditions, mixing method, application method, material temperature and curing conditions.

*Based on joint size 37 mm - 63 mm



Directions for use

Materials required:

Nufins hydrophilic resin, pail, rubber gloves, oil-free oakum, screwdriver and hammer.

Installation

1. Clean the area in the joint. Dust, laitance, dirt, grease and any chemical contamination must be removed. Remove any unsound concrete. (Cut a "V" joint around the pipe if there is not enough room to insert the oakum when sealing around the pipe.)
2. Cut the oakum into sections that are the proper size for the job and put them into the pail.
3. Pour enough hydrophilic resin onto the oakum to cover it entirely (approximately 6.6 litres for every 3 meters of oakum). Let it soak up as much resin as possible. Be sure to wear rubber gloves while handling the activated oakum. Avoid breathing in urethane vapours and use adequate ventilation.
4. If the joint is dry, spray it with water before inserting the activated oakum.
5. Take the saturated oakum and submerge it in water for 10 seconds.
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 hydrophilic resin 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.

Storage

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost.