Environmental Grout & Sealant

PEL-PLUG



BENTONITE PELLETS

DESCRIPTION

Pel-Plug is a compressed 100% pure, chemically unaltered high swelling western sodium bentonite pellet, and it is available in three sizes: 1/4 ", 3/8", and 1/2".

ADVANTAGES

- 1. Clean, dust-free, and easy to handle.
- 2. Non-toxic and non-polluting.
- 3. No mixing; can be poured into hole dry.
- 4. Do not disintegrate upon swelling; seals are tough but flexible, and do not crack when subjected to movement.

REGULATORY STATUS

The components of **Pel-Plug** are reported in the Toxic Substances Control Act Inventory, July 1979. **Pel-Plug** is not a hazardous material as defined in the EPA criteria for identifying the characteristics of a hazardous waste and listing a hazardous material (49 CPR Part 172, subpart B). Non-toxic to aquatic species: LC-95 100,000 mg/l.

RECOMMENDED USAGE

USAGE CHART	Hole Diameter	2"	3"	4"	5"	6"	7"	8"
	Lbs of pellets/Ft of seal	1.75	4	7	11	16	22	28

NOTE: These are dry weights and volumes. In use, the swelling of the pellets will increase the length of the seal (depending on hole condition).

PACKAGING - Pel-Plug is packaged in waterproof 50 lb plastic pails.

CHEMICAL ANALYSIS	S	X-RAY ANALYSIS	X-RAY ANALYSIS					
SiO ₂	66.60	%	Montmorillonite		85	%		
Al ₂ O ₃	17.90	%	Quartz		5	%		
Fe ₂ O ₃	3.67	%	Feldspars		5	%		
CaO	0.57	%	Cristobalite		2	%		
MgO	1.80	%	Illite		2	%		
Na ₂ O	2.50	%	Calcium & Gypsum		1	%		
K ₂ O	0.31	%						
Bound Water	6.51	%						
Moisture at 220°F	0.14	%						
TOTAL	100.00	%						

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