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GROUNDWATER MONITORING PIPES

P2.01

Filter sand and bentonite are usually supplied in large quantities per pallet.



A layer of clay that has been bored through is sealed by using bentonite plugs.



Monitoring well labels

Included in our product range are two types of water resistant monitoring well labels, either with or without company name. Labels are supplied including tire-wraps.

Filter sand and bentonite products

10.98 Filter sand, supplied in bags and pallet packages

The filter sand, consisting of 99.5% SiO₂, is extremely low in trace metals and polycyclic aromatic hydrocarbons. This makes our filter sand the best sand available for monitoring well systems.

10.94 Bentonite plugs, supplied in packs

10.95 Bentonite plugs in pallet packages

Bentonite plugs are used for sealing bores to prevent water mixing from different aquifers, after augering. The plugs are available in 50 cm length and 34 mm or 48 mm diameter. The material used and the plugs' shape ensure a reliable hydrological

sealing. The plugs consists of 99% bentonite and only 1% synthetic fibres, resulting in absence of parts that could cause obstructions. An auger hole with a diameter of 70 mm will be entirely closed off in about three days.

The properties of bentonite plugs are:

- 100% sealing.
- Water pressure will not lift the plugs when swollen.
- Due to their rigidity and shape, the bentonite plugs can easily be pushed down to the desired depth.
- Bentonite plugs are environmentally safe.

10.96 Bentonite pellets in pallet packages

10.97 Bentonite pellets, supplied in bags

Besides bentonite plugs, bentonite pellets supplied in bags, are also available. All bentonite products are of type QSE, consisting of a completely natural unblended pure bentonite clay with a very high percentage montmorillonite. The pellets' diameter is 6 to 7 mm and the swelling capacity (in Enslin value) after 24 hours is at least 700%.



Filter sand



Loose bentonite pellets



Certificate



Detail of bentonite plugs