

Bentonil[®] XR



Short description

- BENTONIL[®] XR is a bentonite-based product with an optimized viscosity profile, especially designed to meet the high requirements of horizontal directional drilling (HDD)

Customer benefit

Key properties

- High Yield Point
- Improved gelling capability
- High shear thinning

Benefits

- Excellent carrying capacity
- Drilling even in difficult soils
- Excellent soil dispersion, easy desanding

Application

- Universal one-bag additive for sturdy drilling muds
- Suitable for nearly all kinds of soil
- To be used for horizontal directional drilling, micro tunneling, pipe jacking and similar technologies

Preparation

- Simply mix with water using an efficient mixer, no other additives necessary
- More resistant against contaminated water than usual drilling mud additives
- Fast swelling, ready to use within 10 minutes after mixing

Properties

Spezifikation:

- Yield for 15 cP: $\geq 34 \text{ m}^3/\text{t}$

At 30 g/l

- Yield Point (YP): min. 18 lb/100sqft
- Plastic Viscosity: 5-15 cP
- Filtrate: max. 25 ml

Mud properties in fresh water:

(No guaranteed values because the properties are strongly depending on water quality)

Concentration Bentonil [®] XR [kg/m ³]	20	25	30	35	40
• Marsh-funnel time [sec]	32	37	44	53	70
• Yield Point (YP) [lb/100sqft]	6	11	18	28	40

Packing

In bulk, in jumbo bags or in 25 kg bags

Storage

Store in closed original packing at ambient temperature and protect from humidity

Above mentioned information is given in good faith and by way of information at the time of printing. As the potential uses of our products are many and outside of our control, each user is responsible for asking us for information on planned application as we cannot be held liable on the basis of general information.

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