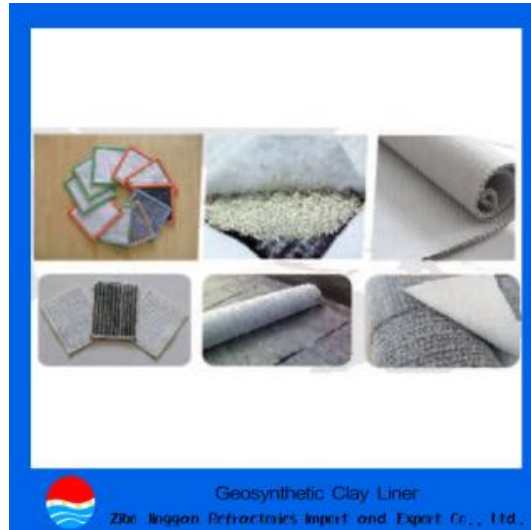


ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Geosynthetic Clay Liner



1,Technical index of Geosynthetic Clay Liner

Item	Technical index value
Unit quality g/m ²	≥4000
Coefficient of expansion ml/2g	≥24
Longitudinal breaking strength Kn/m	≥6
Transverse fracture strength kn/m	≥6
Longitudinal elongation at break %	≥10
Transverse elongation at break %	≥10
Vertical permeability coefficient cm/s	≤5*10 ⁻¹¹
Test of Resistance to hydrostatic pressure	0.6Mpa,1h, no-leakage
Peel strength of Geotextiles and woven fabrics N/100mm	≥40
Peel strength of HDPE film and geotextile	≥35

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N/100mm	
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2, Introduction: the product is a kind of bentonite impervious pad made by needling method, which is filled with high expansive sodium bentonite between special composite geotextile and non-woven fabric, The product can form a lot of small fiber space, so that the expansive soil particles can not flow in all directions. When encountering water, it can form a uniform high-density colloidal waterproof layer in the cushion to effectively prevent water leakage. The products can be divided into: needling sodium bentonite waterproof blanket, needling film covering sodium bentonite waterproof blanket, adhesive sodium bentonite waterproof blanket.

3. Features:

- 1) High density diaphragms formed under water pressure are 3 mm thick, equivalent to 100 times the density of 30 cm thick clay
- 2) The product has a good waterproof performance, even after a long time or the surrounding environment changes, there will be no aging or corrosion
- 3) Compared with other waterproof materials, it doesn't need heating and pasting. It only needs expansive soil powder, nail and washer to connect and fix. It doesn't need special inspection after construction. If waterproof defects are found, it is easy to repair
- 4) The construction is not affected by climate
- 5) Bentonite is a kind of natural inorganic material, which has no harm to human body and environment

6) Ambient temperature: room temperature to - 20 °C

4.Application: Civil Engineering: basement, planting roof waterproof, seepage proof. Environmental protection project: seepage control of landfill site. Water conservancy project: artificial lake, dam seepage prevention

5. Specification: range: 4-6m

6. Why we choose us: our company produces hundreds of thousands of square meters of this product every year. The quality of the product conforms to the national standard. It has ISO quality certificate and relevant production certificate. It not only supplies domestic users, but also exports to more than ten countries and regions, which is highly praised by domestic and foreign users

7,Good feedback of product use effect,the products have been exported to South Korea, Russia,Pakistan

8,We are a professional supplier, who can provide customers with free product technology, use and other issues

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