

Bentotelo

Self-sealing and self-adhering waterproofing geocomposite (such as **Bentotelo**) for concrete applications. Composed of three layers, a layer of non-woven fabric, a layer of natural sodium bentonite and a polypropylene fabric, these are connected by means of a dense needle punching that guarantees the bentonite a self-bonding with controlled expansion, which prevents slipping and accumulation of bentonite as a result of cuts, tears, vertical applications and handling. Suitable for waterproofing all vertical or horizontal concrete underground structures. Minimum required characteristics: Puncture resistance > 2.50 kN; Swelling index > 30 ml/2g; Water absorption capacity > 550%; Permeability $\leq 1.20 \times 10^{-11}$ m/s; Longitudinal tensile strength ≥ 10.40 kN/m; Transverse tensile strength ≥ 10.40 kN/m; Adhesion to concrete 2.50 kN/m.

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