

VOLGRIP LH - Light

Supply and installation of self-adhering bentonite based membrane for the effective protection of reinforced concrete structures from constant, rising or percolating groundwater.

The product must be used in combination with reinforced concrete castings (slabs and foundation walls against diaphragms, poles, berliners, existing foundations or disposable formworks) of buildings such as: garages, cellars, warehouses, vaults, taverns, warehouses, autosilos, underpasses, tunnels, etc ...

The material must have the following characteristics:
EC Certification according to EN 13491

Specification	Test method	Values
Sodium Bentonite content	UNI EN 14196	> 4 kg/m ²
Tensile strength	UNI EN ISO 10319	8.5 kN/m
Resistance to peeling off from concrete	ASTM D 903	> 1.5 kN/m
Free swelling	ASTM D 5890	> 24 ml/2g
Hydraulic capacity	ASTM D 5887	6E ⁻⁹ m ³ /m ² /s
Thickness	EN 964-1	> 4 mm
Resistance to static punching (CBR)	UNI EN ISO 12236	1.8 kN

as well as Volgrip LH Volteco or a product with equal or superior characteristics.

The technical data must be supported by test certification issued by an accredited official laboratory and / or be subjected to quality control according to ISO 9001.

For further details on the individual products and installation specifications, refer to the relevant technical data sheets which can be downloaded in the updated version on the website www.volteco.com.