

BI MORTAR SL

Supply and installation of controlled-shrinkage waterproofing concrete coating that waterproofs and, at the same time, regularises horizontal structures, applied with a minimum thickness of 2 cm depending on the type of use.

The product must be used for:

- Horizontal surfaces, to create a waterproof concrete repair mortar with a maximum final slope of 2%
- Elevator pit surfaces, lightwells, tanks, channels and pools to create a waterproof concrete repair mortar with a slope
- Waterproofing of foundations, even in conditions of negative hydraulic pressure
- Waterproofing of the horizontal surface in underground structures, also in the case of reduced available thicknesses or uneven surfaces

The material must have the following characteristics:

Specification	Test method	Values
<i>Specific weight</i>		> 1.9 kg/l
<i>Compressive strength</i> <i>after 1 day</i> <i>after 7 days</i> <i>after 28 days</i>	UNI EN 196-1	> 5 N/mm ² > 20 N/mm ² > 25 N/mm ²
<i>Flexural strength</i> <i>after 1 day</i> <i>after 7 days</i> <i>after 28 days</i>	UNI EN 196-1	> 2 N/mm ² > 4 N/mm ² > 5 N/mm ²
<i>Bond strength</i>	UNI EN 1542	≥ 1.5 N/mm ²
<i>Permeability in positive pressure</i>	UNI EN 12390-8	none up to 100 kPa
<i>Permeability in negative pressure</i>	UNI EN 12390-8	none up to 50 kPa

as well as Bi Mortar SI 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.