

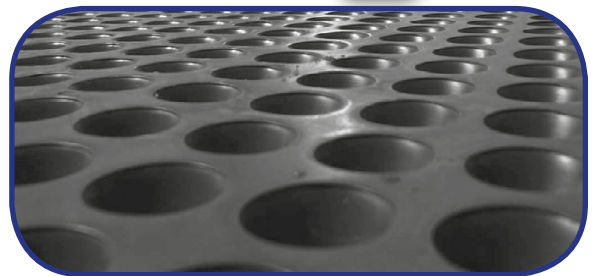
## Data Sheet

### Profond

#### Description

In basement construction or refurbishment, cavity drain membranes provide an alternative to conventional cementitious tanking systems, which work by holding the water back. Internal cavity drain membranes work on the principle of allowing water to continue to penetrate the structure but control it in the air gap and divert it to a suitable drainage point. They do not allow pressure to build up against the internal construction and the air gap behind the membrane allows the structure to breath and to some extent to dry out. The membranes are loose laid on floors and fixed to walls using special plugs and sealing materials, with little or no preparation required to the substrate. Once the membrane has been fitted, wall surfaces can be screeded or a floating dry board system installed. External cavity drain membranes provide a drainage and protective layer to the primary waterproofing system.

- Economical 7.5mm HDPE cavity drain membrane
  - Suitable for both walls and floors, above or below ground
  - Impermeable to water, gas or water vapour
  - Compatible with other membranes
- Profond is a tough and economical membrane for both remedial and new build construction. It is suitable for sub-ground tanking and also for use above ground to isolate walls which are damp or contaminated with salts.
- Profond can be dry lined on walls and screeded or a floating dry board system fitted on floors.



Features	U.M.	Value
Aspect	Embossed black membrane	
Material	High density polyethylene (HDPE)	
Weight	gr/m <sup>2</sup>	400
Thickness	mm	0,45
Selvage height	mm	70-90
Studs height	mm	7,5
Studs x m <sup>2</sup>	n/m <sup>2</sup>	1860 circa
Mechanical resistance to compression	kN/m <sup>2</sup>	>120
Air volume among the studs	l/m <sup>2</sup>	5,3
Drainage Capacity	litr/sec/m	5
Thermal stability (it protects against U.V radiations)	°C	-30 ÷ +80
Resistance against chemical agents and root systems	----	resists
Combustion class	class	F

Height	Length	Rolls x pallet
1,0	20	24
1,5	20	12
2,0	20	12
2,5	20	12
3,0	20	16