

SCUDO X

Dimpled HDPE Membrane
Draining, protective, waterproof



PONTAROLO

ENGINEERING

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SCUDOX is a dimpled HDPE membrane for protection and drainage of all building constructions.

Advantages:

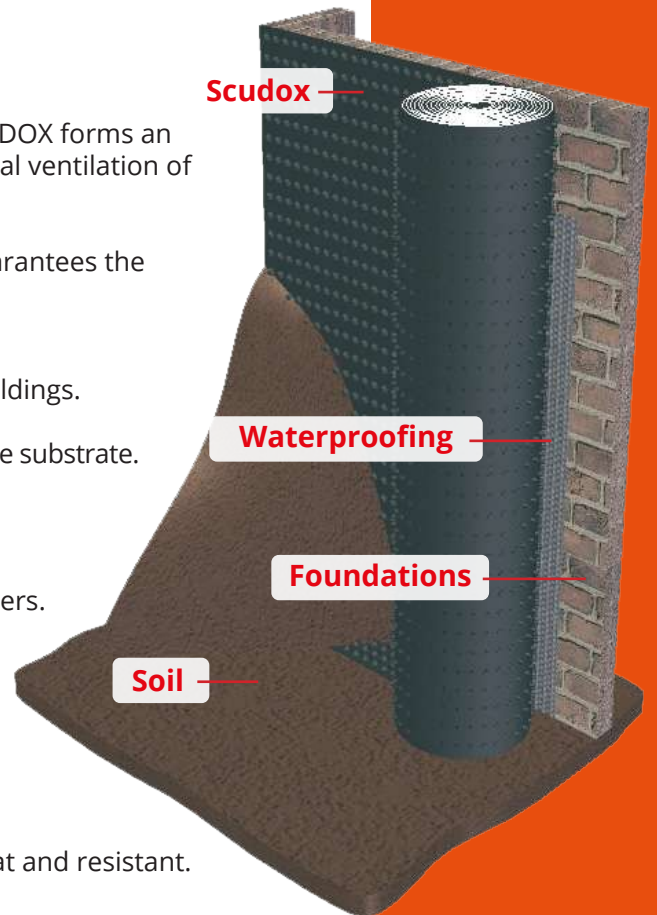
- Thanks to the over 1,850 depressions per square meter, SCUDOX forms an air volume of 5.3 l/sqm against the walls permitting an optimal ventilation of around 7,5mm, to remove moisture and humidity.
- The separation between excavation ground and the slab, guarantees the waterproofing of the foundations.
- In underground constructions and civil engineering works, allows safe drainage and conveyance of water away from buildings.
- Easy installation: just unroll it and fix it with nails or screws at the substrate.

Installation on foundation walls:

- Apply a waterproof layer such as bituminous products or others.
- Unroll SCUDOX with the dimples facing the foundation wall
- Check the correct overlapping between the rolls

Under slab installation

- Compact the ground with the proper machinery, making it flat and resistant. Apply a geotextile if required.
- Lay SCUDOX, making sure to correctly overlap the edges.
- Lay the reinforcing mesh and/or reinforcing bars according to the structural calculations using suitable spacers. Cast the concrete.
- The floor will be completely protected from rising damp.



SCUDOX

Material	High Density Polyethylene
Color	Black
Thickness	0,45 mm
Weight	400 g/m ²
Dimple height	7,5 mm
Dimples per square meter	1860
Air volume between dimples	around 5,3 l/m ²
Drainage capacity	4,6 l/s m
Fire resistance class	B2 according to DIN 4102
Thermal stability	From -40°C to +80°C
Compression resistance	23 t/m ² (≅ 225,6 kN/m ²)
Chemical and phisical properties	Resistant to chemicals, fungus contamination and bacteria, Resistant to roots and decay, does not release polluting substances
Roll dimensions	1,0x20m; 1,5x20m; 2,0x20m; 2,5x20m; 3,0x20m;