

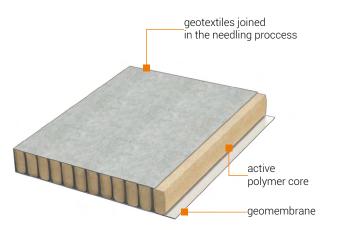
ULTRASEAL XP





ULTRASEAL XP - composite hydro-insulating membrane consisting of polymer layers in high-strength geomembranes and geotextile. In contact with water, the active layer of polymer seals the structure by swelling.





CROSS-SECTION OF ULTRASEAL

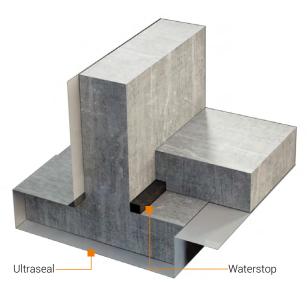
Ultraseal XP is placed with geotextile the from side of element concreting.

Advantages:

- wide hydro-insulation application
- ensures the tightness of the structure during constant or periodical hydrostatic pressure
- resistance in the chemical and salted environment
- easy installation light and flexible membrane
- strong mechanical bond with fresh concrete
- possibility of installation during difficult weather conditions

Application:

- chemically contaminated ground
- salty environment
- waterproofing
- vertical and horizontal hydro-insulations of foundations
- underground parts of buildings
- opencast tunnels



SLAB ON COMBINED FOOTING

ARTICLE NUMBER	TYPE	TYPE OF MATS	WIDTH [mm]	LENGTH [m]	QUANTITY [packs]
240-01	Ultraseal XP	Polymer	1150	8.7	10 m ²
240-02	Ultraseal XP	Polymer	2200	9.1	20 m ²

CHARACTERISTICS					
Swelling material	polymer				
Permeability	up to 70 m water				
Elongation at break	25%				
Adhesion to concrete	1.7 kN/m				
Resistance to penetration	3.0 kN				
Flexibility at low temperature	no change to - 32°C				
Tensile strength	8.0 N/mm ²				

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