



GeoSeal

PVC Based Geomembrane

GeoSeal PVC is very flexible and soft waterproofing, insulation and impermeability liners manufactured from polyvinyl chloride (PVC) and some lubricant additives as well as coloring agents to make signal layer.

GeoSeal PVC produces homogenous (non reinforced) and reinforced type mono layer or multilayer types. It has optionally UV resistant or antibacterial types exist.

GeoSeal PVC also produces accompanying with **GeoTeknik Protector** geotextile for rough and irregular surfaces where damage risk high.

GeoSeal PVC surfaces can be smooth or textured to obtain skid resistant.



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FIELDS OF APPLICATION

GeoSeal PVC is welded with automatic welding machine and hand fusion apparatus. Thanks to soft and flexible characteristic to make welding and repair studies makes easier, faster and economical.

GeoSeal PVC mostly preferred where settlement or movement placements relatively high. It elongates up to %250 without losing waterproofing and insulation capability.

GeoSeal PVC is used;

- Building foundation
- Retaining concrete wall
- Potable water reservoirs
- Balcony, terrace and garden roofs
- Water reservoirs
- Light metal roofs (PVC and / or TPO)
- Irrigation channels
- Lagoons and recreational landscaping lakes
- Underground premises and stations
- Cut and cover type tunnels
- Excavating type tunnels
- Drilling type tunnels
- NATM type tunnels
- Ets.

ADVANTAGES

- It is durable.
- Has high resistance against chemical and mechanical impacts.
- Features plant root resistance.
- It is UV resistant and features high resistance to external conditions through its carrier types.
- The products with signal layer enable visual control.
- It is applied easily and swiftly with special welding machinery.
- It is possible to control the sealing at the joints with double row joint weld.

PACKAGING AND STORAGE

The materials are dispatched in the form of rolls with 1,6 m – 2,1 m width and 20 m – 25 m length. The materials must be stored on smooth surface. The stored products must be kept away from direct sunlight, heat and combustible sources. In case the rolls must be stored outdoors for long duration, then the rolls must be coreved for protection against sunlight. Absolutely no smoking in the storage yard.

TECHNICAL SPECIFICATIONS

Properties	Standart
Thickness (mm)	1,2 - 1,5 - 2,0 - 2,5 - 3,0
Wide of Roll (m)	1,60 - 2,10
Lenght of Roll (m)	20 - 25
Elongation at Break (%)	≥ 250
Shrinkage at Cold	≤ -20 °C
Hydrostatic Resistance	Water Proof
Plant Root Resistance	No Penetration

Roll Packing

