

Elastoseal H/T, EPDM Geomembrane

Declaration of Performance, EN 13361



Product Description

Elastoseal Geomembranes are polymeric geosynthetic barriers made from vulcanised EPDM rubber. The membrane is calandered in two plies and is not reinforced. This gives unique properties when it comes to flexibility and elasticity.

Product Use

Elastoseal is used as fluid barrier in reservoirs and dams. The membrane can be used both covered or uncovered in service.

Relevant standard: EN 13361 Geosynthetic barriers
 Attestation of conformity system: 2+
 Notified body: 0402-Technical research institute of Sweden
 Certification no.: 0402-CPD-470302
 CE-marking affixed year: 2007

Product Data

Characteristic	Test method	Unit	Value
Tensile strength	EN ISO 527-3	Mpa	9.0
Elongation	EN ISO 527-3	%	300
Static puncture:	EN ISO 12236	kN	<1.0mm: NPD 1.0mm: 0.75 1.2mm: 0.90 1.5mm:1.13
Water permeability	EN 14150	m ³ /(m ² *day)	< 10 ⁻⁶
Weathering / UV resistance	EN 12224	%	Δ < 25
Micro organisms:	EN 12225	%	Δ < 25
Oxidation	EN 14575	%	Δ < 25
Environmental stress cracking:	EN 14576	-	NPD
Dangerous substances	EU construction directive	-	No dangerous substances

NPD = No Performance Determined

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