



## DECLARATION OF PERFORMANCE

ElastoSeal H/T

N° DOP ElastoSeal H/T-2020.02.24

**1. Unique identification code of the product type:**

ElastoSeal H/T.

**2. Identification of the construction product:**

See product label and/or packaging.

**3. Intended use or uses:**

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. ElastoSeal is used as a fluid barrier in reservoirs and dams, in construction canals, in the construction of tunnels and underground structures, in the construction of liquid waste disposal sites, transfer stations or secondary containment and for use in transportation infrastructure. The membrane can be used both covered or uncovered.

**4. Contact address of manufacturer/trading company:**

SealEco AB  
P.O.Box 514  
SE-331 25 Värnamo  
Sweden

**5. System or systems of assessment and constancy of performance:**

System 2+.

**6. Notified body / Certification n°:**

Notified body: 0958 SGS INTRON Certificatie BV  
FPC: 0958-CPR-2036/1

## 7. Declared performance

Characteristic	Test method	Performance		Harmonised standard
		Unit	Value	
Tensile strength	EN 12311-2	N/mm <sup>2</sup>	9.0	EN 13361 EN 13362 EN 13491 EN 13492 EN 15382
Static puncture	EN ISO 12236	kN	0.75 mm: 0.55 1.0 mm: 0.75 1.2 mm: 0.90 1.5 mm: 1.13 2.0 mm: 1.50	
Water permeability	EN 14150	m <sup>3</sup> /(m <sup>2</sup> *day)	< 10 <sup>-6</sup>	
Weathering / UV resistance	EN 12224	%	Δ < 25	
Oxidation	EN 14575	%	Δ < 25	
Environmental stress cracking	EN 14576	-	NPD <sup>1</sup>	
Dangerous substances	EU construction directive	-	No dangerous substances	

NPD= No Performance Determined

NPD<sup>1</sup> = No Performance Determined since EN 14576 is not relevant to rubber membranes with non-crystalline structure.

## 8. Declaration

The performance of the product is in conformity with the declared performance. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Värnamo, 24-02-2020



Jörgen Skärin  
R&D SealEco AB