

Värnamo Gardenpond Butyl Geomembrane

Declaration of Performance, EN 13361



PRODUCT DESCRIPTION

Värnamo Gardenpond Butyl is a polymeric geosynthetic barrier made from vulcanised butyl 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

Värnamo Butyl 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 - Characteristics required for use in the construction of reservoirs and dams

DoP No.: Värnamo Gardenpond Butyl Geomembrane-2016.01.01

Type of barrier: GBR-P, Geosynthetic Barrier-Polymeric

Attestation of conformity system: 2+

Notified body: 0120 SGS UK

Certification no.: 0120-CPR-GB16/871083

CE-marking affixed year: 2013

PRODUCT DATA

Characteristic	Test method	Unit	Value
Tensile strength	12311-2	N/mm ²	7.5
Static puncture:	EN ISO 12236	kN	NPD
Water permeability	EN 14150	m ³ /(m ² *day)	< 10 ⁻⁶
Weathering / UV resistance	EN 12224	%	NPD
Oxidation	EN 14575	%	NPD
Environmental stress cracking:	EN 14576	-	NPD
Dangerous substances	EU construction directive	-	No dangerous substances

NPD = No Performance Determined

01-01-2016, Jörgen Skärin, R&D

