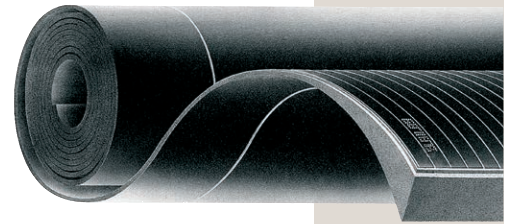


# DERBIT GC

*The APP-Bitumen Waterproofing Membrane for Civil Engineering works*



## Composition of the membrane

- ▶ DERBIT GC is composed of a blend made of a specific bitumen modified by noble polymers (high-grade APP also called TPO) & two distinct reinforcement, fiberglass & non-woven polyester.
- ▶ DERBIT GC differs from DERBIT SP FR through its resistance which has been increased to meet the specific constraints of civil engineering.
- ▶ DERBIT GC has two distinct reinforcements, in fibreglass and non-woven polyester. The fibreglass sees to its perfect dimensional stability and heat & UV resistance. The non-woven polyester ensures its resistance to impact and tearing.
- ▶ DERBIT GC can meet the specific requirements and stresses for civil engineering works.
- ▶ The surface of the DERBIT GC shows two different edges: one tacked and one with a polyethylene hot-melt film.

## Technical characteristics

	Test method	Expression of result	Values	Units
Flow resistance	EN 1110	MLV	≥ 140	°C
Cold bending	EN 1109	MLV	≤ -10	°C
Tensile strength L/T	EN 12311-1	MDV (± 20%)	1000/1000	N/5 cm
Elongation at break L/T	EN 12311-1	MDV (± 15%)	50/50	%
Dimensional stability	EN 1107-1	MLV	≤ 0,20	%
Tear resistance	EN 12310-1	MDV (± 20%)	250	N
Resistance to impact	EN 12691(B)	MLV	≥ 1750	mm
Resistance to static load	EN 12730(A)	MLV	≥ 20	kg

MLV : Manufacturer Limited Value

MDV : Manufacturer Determined Value

## Special characteristics

Waterproofing system for bridges.

## Presentation of the product

	Test method	Expression of result	Values	Units
Thickness	EN 1849-1	MDV (± 0,2)	5	mm
Length	EN 1848-1	MDV (± 1%)	7,27	m
Width	EN 1848-1	MLV	1	m
Surface		MLV	7,27	m <sup>2</sup>
Roll weight		MDV (± 2)	40	kg
Number of rolls per pallet			20	

## Storage

Rolls must be carried and stored in a vertical position. The floor must be regular and free of sharped objects.

