

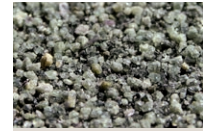
DERBICOLOR® FR

Olivine

The waterproofing membrane that captures CO₂

Composition of the membrane

- ▶ The DERBICOLOR FR Olivine is a waterproofing membrane based on a selection of the best bitumen and high-quality APP-TPO plastomers with olivine grains as a finishing layer.
- ▶ The mineral olivine, a magnesium iron silicate, is one of the most common minerals on earth and has the capacity of capturing CO₂ from the atmosphere. When it rains, the CO₂ that is washed out of the atmosphere will react on contact with the olivine and will be transformed into two environmental friendly substances : silicon dioxide and magnesium carbonate.
- ▶ The DERBICOLOR FR Olivine membrane respects the environment by helping it to neutralize CO₂.



Olivine



Environmental characteristics

Capacity to capture CO₂: 1 kg of olivine can capture 1,25 kg CO₂. The membrane is surfaced with 1,4 kg olivine per m², which gives it the capacity of capturing 1,75 kg of CO₂.

Recycling: This waterproofing membrane is 100% recyclable.

Special characteristics

Fire resistance: Conform to EN 13501-5, classification B_{ROOF} (t1, t3) according to CEN/TS 1187 method

Application methods: For single apply application in totally adherence

Technical characteristics

	Test method	Expression of Values	Result	Units
Flow resistance	EN 1110	MLV	≥ 140	°C
Cold bending	EN 1109	MLV	≤ -18	°C
Tensile strength L/T	EN 12311-1	MDV (± 20%)	900/700	N/5 cm
Elongation at break L/T	EN 12311-1	MDV (± 15)	40/40	%
Dimensional stability	EN 1107-1	MLV	≤ 0,3	%
Tear resistance	EN 12310-1	MLV	≥ 150	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

Presentation of the product

	Test method	Expression of Values	Result	Units
Thickness	EN 1849-1	MDV (± 0,2)	4	mm
Length	EN 1848-1	MLV	7,27	m
Width	EN 1848-1	MLV	1,1	m
Surface		MLV	8	m ²
Reinforcement composite glass/polyester		MDV (± 15%)	170	g/m ²
Roll weight		MDV (± 2)	48	kg
Number of rolls per pallet			20	

Storage

Rolls must be transported and stored in a vertical position, off the ground



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DERBIT®
PROFESSIONAL WATERPROOFING SYSTEMS

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