

# Gummival HP Biarmato Antiradice by Gorgati

**Description** High performance APAO modified bitumen membrane with chemical anti-root agent for roofing works and foundations. This product is designed with a special double reinforcement made of non-woven reinforced polyester and glass fiber mat.

**CE** Single layer for roofing works according with EN13707. Layer for foundation according with EN13969.

**Field of use** Green roofs or roofs under heavy protection. Foundations.

**Certifications and Agreements** CE marking - FPC certificate number 1370-CPR-0042 .

**Composition**  
**Top Surface:** Fine sand  
**Back Surface:** Fine sand  
**Reinforcement:** Reinforced polyester and glass fiber mat

**Method of application** Fully bonded on substrate with Valcoat special adhesive glue or torch-applied

<b>Dimension and packaging</b>	<b>Gummival Biarmato antiradice</b>	<b>4HP</b>	<b>5HP</b>
	Thickness (mm)	4,0	5,0
	Weight (kg/m2)	4,2	5,3
	Rolls (m)	7,27X1,10	7,27X1,10



Property	Test Method	Unit	Value	Tolerance
Lenght	EN 1848-1	m	7,27	-1%
Width	EN 1848-1	m	1,10	-1%
Thickness	EN 1849-1	mm	4,0 / 5,0	±0,2
Weight	EN 1849-1	Kg/m2	4,2 / 5,3	±10%
Tensile strength at max	EN 12 311-1	L x T (N/50mm)	1200/1200	-20%
Elongation at max	EN 12 311-1 1999	L x T (%)	50/50	-15
Nail tearing resistance	EN 12 310-1	L x T (N)	250/250	-30%
Static load	EN 12 730	Kg	25	≥
Resistance to impact	EN 12691	mm	2300	≥
Joints Shear resistance	EN 12317-1	N / 50mm	1000/1000	-20%
Flexibility at low temperature	EN 1109	(°C)	-20	≤
Flow resistance at elevated temperature	EN 1110	(°C)	140	≥
Dimensional stability	EN 1107-1	%	±0,2	≤
Watertightness	EN 1928-B	kPa	400	≥
Vapour Transmission (μ)	EN 1931	-	20000	≥
Root resistance	EN 13948	-	Passa	-
Reaction to fire	EN 13501-1	-	E	-
External fire performance	EN 13501-5	-	Roof	-

#### Storage

This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

#### Modifications

Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the updated technical data sheet, please contact our technical department.