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Properties	Test Method	Unit	INFINITY PRO ROAD 2,5 mm	Toll.
Length	EN 1848-1	m	15 (-1%)	≥
Vidth	EN 1848-1	m	1,0 (-1%)	≥
hickness	EN 1849-1	mm	2,5	±5%
ensile strength (at break) L/T	EN 12311-1	kN/m	35/35	±20%
Elongation (at break) L/T	EN 12311-1	%	30/30	±15
ear resistance (nail test) L/T	EN 12310-1	N	500/500	±30%
lesistance to static loading	EN 12730 (A)	kg	25	≥
mpact resistance	EN 12691	mm	1500	≥
Dimensional stability	EN 1107-1	%	±0,1	≤
lexibility at low temperature	EN 1109	°C	-25	≤
low resistance at elevated temperature	EN 1110	°C	100	≥
Vatertightness (method B)	EN 1928	kPa	200	≥
Sond strength	EN 13596	N/mm ²	0,4	≥
)ynamic watertightness	EN 14694	kPa	500	≥
Resistance to compaction of an asphalt layer	EN 14692	-	Pass	
Reaction to fire	EN 13501-1	Class	E	
Experimentation carried out in collabo UNIVPM – Ancona (I	ration with the Portain the Portain the Portain the Portain the Prof. Inc.	olytechnic F. Canest	University of Marche rari	
nterface shear strength - T_{peak} ASTRA test - Ancona Shear Testing Research and Analysis at 20°C, formal stress applied σ = 0.2MPa)	ASTRA test UNI/TS 11214 UNIVPM - ICEA	МРа	Modified asphalt concrete: ≥0,30 Unmodified asphalt concrete: ≥0,30	
nterface shear strength - T_{peak} ASTRA test - Ancona Shear Testing Research and Analysis at 40°C, normal stress applied σ = 0.2MPa)	ASTRA test UNI/TS 11214 UNIVPM - ICEA	МРа	Modified asphalt concrete: $\geq 0,20$ Unmodified asphalt concrete: $\geq 0,20$	
B point static bending resistance at 20 °C, vith 5% voids (expressed as reinforcementperformance factor k _s ", compared to a non-reinforced system of reference)	3PB Three Point Bending test UNIVPM - ICEA	ks	15 mm deflection: Modified asphalt concrete: 9,4 Unmodified asphalt concrete: 8,9 30 mm deflection: Modified asphalt concrete: 19,7 Unmodified asphalt concrete: 14,3	
B point static bending resistance at 20 °C, subject to the % of voids in the bituminous songlomerate (expressed as reinforcement performance oefficient, "k _{norm} ", compared to an asphalt concrete of reference with 6% voids and 15mm deflection)	3PB Three Point Bending test UNIVPM - ICEA	k _{norm}	Modified asphalt concrete: Voids 3%: 1,22 Voids 6%: 1,00 Voids 9%: 1,16 Voids 12%: 1,43 Voids 15%: 1,14 Unmodified asphalt concrete: Voids 3%: 0,99 Voids 6%: 1,00 Voids 9%: 1,22 Voids 12%: 1,52 Voids 15%: 1,08	
Dynamic 4-point flexural resistance T = 20 °C, frequency 1Hz, sinusoidal loading maximum amplitude .6kN)	4PB Four Point Bending test UNIVPM - ICEA	N _f nº cicli a fessurazione	≥24000*	
esistance to reflective cracking – eflective Cracking test with Wheel Tracker – 2017 pdated test configuration	UNIVPM – ICEA 2017 test protocol	n° cycles to collapse	$T=30^{\circ}C, \text{ load 520 N}:$ Modified asphalt concrete: ≥14000* Unmodified asphalt concrete: ≥10000* $T=30^{\circ}C, \text{ load 650 N}:$	
(*) Tooto interrunte di offen aveca di o timo l'anita mittari	a and without 11-	to collapse	Modified asphalt concrete: ≥1300	0*
(~) lests interrupted after exceeding time limits without crackin	iy and without collapse	or the specir	Pag. 2/2	2
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