DECLARATION OF PERFORMANCE

2025-05-27

Wibax Oy – Oulu Terminal – Penetration bitumen for Finnish and Swedish Market

No. 1162-CPR-0919

1.: Unique identification code of the product-tvpe:

Penetration graded bitumen AZALT 70/100, AZALT 100/150, AZALT 160/220, AZALT 250/330, AZALT 330/430, AZALT 500/650, AZALT 650/900, AZALT V12000

2: Intended use (AVCP)

For construction and maintenance of roads, airfields and other paved areas

3. Manufacturer

TOTALENERGIES MARKETING FINLAND OY
Teknobulevardi 3
FI-01530 Vantaa, Finland
Loading Point: WIBAX Oy, Depot Oulu, Hietasaarentie 72, 90510 Oulu, Finland

4. Harmonized standard

EN 12591:2009

5: Notified body

DNV GL Business Assurance Sweden AB

6. System or systems of assessment and verification of consistency of performance of the construction product as set out in CPR, Annex V.

System 2+

7., Declared performance

See attached table

8. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Krister Persson, Specialties Manager

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Krister Persson

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Copenhagen, May 2025

TotalEnergies

Table: Declared performances of Azalt

Characteristics	Testmethod	Unit	Performance					Harmonized standard
			70/100	100/150	160/220	250/330	330/430	
Consistency at intermediate service temperature	Penetration at 25 ^{0}C	0.1 mm	70 to 100	100 to 150	160 to 220	250 to 330		EN 12591:2009
	Penetration at 15 ^{0}C	0.1 mm					90-170	
Consistency at elevated service temperature	Softening point	°C	43 to 51	39 to 47	35 to 43	30 to 38		
Durability of the consistency at intermediate and elevated service temperatures	Retained penetration and increased softening point.	%	≥ 46	≥ 43	≥ 37			
		°C	≤ 9	≤ 10	≤ 11	≤ 11		
Brittleness at low service temperature	Fraas Breaking point	°C	≤ -10	≤ -12	≤ -15	≤ -16	≤ -18	
Temperature dependency of consistency	Penetration Index	-	NPD	NPD	NPD	NPD	NPD	
	Dynamic viscosity @ 60 ^{0}C	Pa.s	≥ 90	≥ 55	≥ 30	≥ 18	≥ 12	
Regulated dangerous substances		-	NPD	NPD	NPD	NPD	NPD	

When no performance is required NPD (No Performance Determined) can be used.

Characteristics	Testmethod	Unit	Performance 500/650	Performance 650/900	Harmonized standard
Consistency at intermediate service temperature	Penetration at 25 ^{0}C	0.1 mm			EN 12591:2009
	Penetration at 15 ^{0}C	0.1 mm	140 to 260	180 to 360	
Consistency at elevated service temperature	Softening point	°C			
Durability of the consistency at intermediate and elevated service temperatures	Retained penetration and increased softening point.	%	-	-	
		°C	-	-	
Brittleness at low service temperature	Fraas Breaking point	°C	≤ -20	≤ -20	
Temperature dependency of consistency	Penetration Index	-	NPD	NPD	
	Dynamic viscosity @ 60 ^{0}C	Pa.s	≥ 7	≥ 4,5	
Regulated dangerous substances		-	NPD	NPD	

Characteristics	Testmethod		Performance		Harmonized standard
		Unit	**V6000**	**V12000**	
Temperature dependency of consistency	Kinematic viscosity @ 60 ^{0}C	mm^2/s	4000-8000	8000-12000	SS-EN 12591
Durability of the consistency at intermediate and elevated service temperatures	Increased viscosity and weightloss		≤ 2,5	≤ 2,0	
		+/- m-%	≤ 1,4	≤ 1,0	
	Flashpoint	°C	≥ 180	≥ 180	
	Solubility	%	≥ 99,0	≥ 99,0	
Regulated dangerous substances		-	NPD	NPD	