United Kingdom
ISO 9001:2008

Nynas Endura Z4

Nynas Endura Z4 is a highly modified premium hot mix binder. The product has excellent workability characteristics and has been specially developed to deliver the optimum balance between toughness and flexibility. Nynas Endura Z4 is suitable for the most onerous asphalt paving applications. Nynas Endura Z4 complies with EN 14023

Polymer modified Bitumen, 25-55/75

Table 1: Specification information

	Test description	Method	Unit	Min	Max	Class
Consistency at intermediate temperature	**Penetration at 25°C**	EN 1426	mm/10	25	55	3
Consistency at elevated service temperature	**Softening Point R&B**	EN 1427	°C	75	-	3
Cohesion	**by Force Ductility at 10°C**	EN 13589	J/cm^2	3	-	7
	Retained Penetration	EN 1426	%	50	-	5
	Increase in Softening Point	EN 1427	°C	-	8	2
	Change in mass	EN 12607-1	weight-%	-	0.5	3
Other Characteristics	**Flash point**	EN-ISO 2592	°C	235	-	3

Table 2. Additional information

	Test description	Method	Unit	Min	Max	
Safety and handling *	**Minimum pumping temperature**	-	°C	130	-	
	Typical mixing temperatures	-	°C	155	175	
	Maximum safe handling and storage temperature	-	°C	-	190	
Technical characteristics	**Fraass breaking point**	EN 12593	°C		-20	9
	Elastic recovery at 25°C	EN 13398	%	50	-	5
	Density at 25°C	EN 3838	g/cm^3		1.021	
	Storage stability	EN 13399	°C	-	5	2
	Difference in softening point	EN 1427				
	Solubility in toluene	EN 12592	%	99	-	

* For specific information on binder handling and storage please refer to the Product Information and Safety Data sheets.

This product fulfils EN14023 requirements for polymer modified bitumen and is CE marked.

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