

## Nynas Enduratherm Z2

Nynas Enduratherm Z2 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 Enduratherm Z2 is suitable for the most onerous asphalt paving applications and contains an additive to facilitate mixing, laying and compaction at lower temperatures.

Nynas Enduratherm Z2 complies with EN 14023

### Polymer modified Bitumen, 10-40/80

**Table 1: Specification information**

	Test description	Method	Unit	Min	Max	Class
Consistency at intermediate temperature	Penetration at 25°C	EN 1426	mm/10	10	40	2
Consistency at elevated service temperature	Softening Point R&B	EN 1427	°C	80	-	2
Cohesion	by Force Ductility at 15°C	EN 13589	J/cm <sup>2</sup>	2	-	9
	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	150	165	
	Maximum safe handling and storage temperature	-	°C	-	190	
Technical characteristics	Fraass breaking point	EN 12593	°C		-7	4
	Elastic recovery at 25°C	EN 13398	%	50	-	5
	Density at 25°C	EN 3838	g/cm <sup>3</sup>		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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SDS available on [nynas.com](http://nynas.com)