

Nynas Endura Z2

Nynas Endura 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 Endura Z2 is suitable for the most onerous asphalt paving applications. Nynas Endura 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 ² | 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 | 155 | 175 | |
| | 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 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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