

# Nyfoam 50

**Nyfoam 50 is a special bitumen product with excellent, predictable foaming properties. It is produced to comply with EN 12591 Paving Grade Bitumen and the Nynas Sales Specification.**

## Paving Grade Bitumen 40/60

**Table 1 : Specifications**

|   | Test description                | Method     | Unit  | Min | Max  |
|---|---------------------------------|------------|-------|-----|------|
| Consistency at intermediate service temperature | Penetration at 25°C             | EN 1426    | mm/10 | 40  | 60   |
| Consistency at elevated service temperature     | Softening Point                 | EN 1427    | °C    | 48  | 56   |
| Resistance to hardening at 163°C                | Change in mass                  | EN 12607-1 | %     | -   | 0.50 |
|   | Retained penetration            | EN 1426    | %     | 50  | -    |
|   | Softening point after hardening | EN 1427    | °C    | 49  | -    |

**Table 2 : Additional information**

|                          | Test description                       | Method      | Unit               | Min                | Max |
|--------------------------|--|-------------|--------------------|--------------------|-----|
| Safety & Handling *      | Minimum pumping temperature            | -           | °C                 | 120                | -   |
|                          | Typical handling temperature**         | -           | °C                 | 170                | 185 |
|                          | Maximum handling / storage temperature | -           | °C                 | -                  | 200 |
|                          | Flashpoint (COC)                       | EN ISO 2592 | °C                 | 230                | -   |
| Technical characteristic | Density at 25°C                        | EN ISO 3838 | g/cm <sup>3</sup>  | 1.026 <sup>1</sup> | -   |
|                          | Kinematic viscosity at 135 °C          | EN 12595    | mm <sup>2</sup> /s | 325                | -   |
|                          | Solubility                             | EN 12592    | %                  | 99.0               | -   |

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

\*\*Typical handling temperature specific to foaming operation.

<sup>1</sup> Typical value

**This product fulfils EN 12591 requirements for paving grade bitumen 40/60 and is CE marked**

Nynas UK  
North Road, Ellesmere Port  
CH65 1AJ South Wirral  
United Kingdom (UK)  
T +44 151 327 31 71  
F +44 151 327 61 95  
E bitumen.uk@nynas.com  
W www.nynas.com

Nynas UK  
East Camperdown Street  
DD1 3LG Dundee  
United Kingdom (UK)  
T +44 1382 46 22 11  
F +44 1382 45 03 08

Although the data reported in the present document is, to the best of our knowledge, accurate and reliable, Nynas shall not be liable for any loss or damage that may occur.

SdS available on nynas.com