

DECLARATION OF PERFORMANCE

Nr. 0780-CPR-135025

1. Unique identification code of the product-type: **NordBit 160/220**
2. Intended use/es: For construction and maintenance of roads, airfields and other paved areas (graded by penetrability)
3. Manufacturer

Manufacturer:
NordBit GmbH & Co. KG
Pelzerstraße 4
D 20095 Hamburg
Telefon: +49 (0) 40 32870230
Telefax: +49 (0) 40 328702322
Mail: bitumen@nordbit.net

Production unit:
H&R Refining GmbH
Neuenkirchener Str. 8
48499 Salzbergen

4. Authorised representative: not applicable
5. System/s of AVCP: **System 2+**
6. Harmonised standard: EN 12591
Notified body: TÜV Rheinland LGA Bautechnik GmbH
7. Declared performances:

Essential characteristics	Performance	Harmonized technical specifications
Consistency at intermediate service temperature	Needle penetration 160 – 220 [1/10mm]	EN 12591:2009
Consistency at elevated service temperature	Softening point 35 – 43 [°C]	
Temperature dependence of consistency	Penetration index -1.5 to + 0.7	
Brittleness at low service temperature	Fraass breaking point ≤ - 15 [°C]	
Durability of the consistency at intermediate service temperature	Retained Penetration ≥ 37 [%]	
Durability of the consistency at elevated service temperature	Increase in softening point ≤ 11 [°C]	
Dangerous related substances	NPD	

8. The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Robertus van Lingen
Managing Director

Hamburg, 25.09.2019

DECLARATION OF PERFORMANCE

Nr. 0780-CPR-185102

1. Unique identification code of the product-type: **NordBit 160/220**
2. Intended use/es: For construction and maintenance of roads, airfields and other paved areas (graded by penetrability)
3. Manufacturer

Manufacturer:
NordBit GmbH & Co. KG
Pelzerstraße 4
D 20095 Hamburg
Telefon: +49 (0) 40 32870230
Telefax: +49 (0) 40 328702322
Mail: bitumen@nordbit.net

Production unit:
Bitumentanklager
Am Rhein 21
67547 Worms
4. Authorised representative: not applicable
5. System/s of AVCP: **System 2+**
6. Harmonised standard: EN 12591
Notified body: TÜV Rheinland LGA Bautechnik GmbH
7. Declared performances:

Essential characteristics	Performance	Harmonized technical specifications
Consistency at intermediate service temperature	Needle penetration 160 – 220 [1/10mm]	EN 12591:2009
Consistency at elevated service temperature	Softening point 35 – 43 [°C]	
Temperature dependence of consistency	Penetration index -1.5 to + 0.7	
Brittleness at low service temperature	Fraass breaking point ≤ - 15 [°C]	
Durability of the consistency at intermediate service temperature	Retained Penetration ≥ 37 [%]	
Durability of the consistency at elevated service temperature	Increase in softening point ≤ 11[°C]	
Dangerous related substances	NPD	

8. The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Robertus van Lingen
Managing Director



Hamburg, 25.09.2019