



## Declaration of Performance

Nr. PG-CPR2013-TRM-001

- Unique identification code of the product-type:**  
Paving Grade Bitumen according to DIN EN 12591:2009-08
- Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):** (Traceability is controlled by delivery note number)  



AZALT 30/45 DE	AZALT 50/70 DE	
AZALT 30/45 AP DE	AZALT 50/70 AP DE	
AZALT 70/100 DE	AZALT 160/220 DE	ALTEK 160/220 R
AZALT 70/100 AP DE	AZALT 160/220 AP DE	
- Intended use by the manufacturer:**  
For construction and maintenance of roads, airfields and other paved areas (graded by penetrability)
- Name of the manufacturer:**  
TOTAL Bitumen Deutschland GmbH  
Industriegebiet Süd  
25541 Brunsbüttel  
Point of delivery: TOTAL Raffinerie Mitteldeutschland GmbH, Leuna
- Name and contact address of the authorised representative:**  
Not applicable
- System of assessment and verification of constancy of performance of the construction product:**  
System 2+
- In case of the declaration of performance concerning a construction product covered by a harmonised standard:**  
  
Harmonised Standard: DIN EN 12591:2009-08  
  
The LGA Bautechnik GmbH (0780) has carried out the initial inspection of factory and of factory production control according to the system 2+ and issued the following: *Certificate of Conformity of the Factory Production Control, Nr. 0780-CPR-105194*
- Declared performance:**  
See attached table

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

Marco Pototzki, Product Safety Engineer  
Brunsbüttel, 15.03.2021

9. Declared Performance:

 10 0780	TOTAL Bitumen Deutschland GmbH, Industriegebiet Süd, 25541 Brunsbüchel						
	For construction and maintenance of roads, airfields and other paved areas (graded by penetrability)						
	PG-CPR2013-TRM-001						
<b>Declared performance of paving grade bitumens AZALT, ALTEK according to paragraph 9</b>							
Essential characteristics	Performance						Harmonised Technical Specification
	Characteristic	Unit	30/45 DE AP DE	50/70 DE AP DE	70/100 DE AP DE	160/220 DE AP DE R	
Consistency at intermediate service temperature	Penetration at 25 °C	1/10 mm	30-45	50-70	70-100	160-220	DIN EN 12591:2009-08
Consistency at elevated service temperature	Softening Point	°C	52-60	46-54	43-51	35-43	
Brittleness at low service temperature	Fraas Breaking Point	°C	≤ -5	≤ -8	≤ -10	≤ -15	
Temperature dependency of consistence	Dynamic viscosity at 60 °C	Pa s	≥ 260	≥ 145	≥ 90	≥ 30	
	Penetration index	-	-1,5 bis +0,7	-1,5 bis +0,7	-1,5 bis +0,7	-1,5 bis +0,7	
Durability of the consistency at intermediate and elevated service temperatures	Retained penetration	%	≥ 53	≥ 50	≥ 46	≥ 37	
	Increase in softening point	°C	≤ 8	≤ 9	≤ 9	≤ 11	
Regulated dangerous substances			NPD	NPD	NPD	NPD	

NPD: No Performance Determined

Point of delivery: TOTAL Raffinerie Mitteldeutschland GmbH, Leuna