

DIN EN 13924-1:2016-02 (E)

Bitumen and bituminous binders - Specification framework for special paving grade bitumen - Part 1: Hard paving grade bitumens

Contents	Page
European foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Sampling	6
5 Requirements and test methods	7
5.1 General	7
5.2 Properties and related test methods	7
5.2.1 General	7
5.2.2 Consistency at intermediate service temperatures	7
5.2.3 Consistency at elevated service temperatures	7
5.2.4 Brittleness at low service temperature	7
5.2.5 Temperature dependence of consistency	7
5.2.6 Durability - Resistance to hardening	8
5.2.7 Informative properties	8
5.2.8 Temperature dependency of mixing	8
5.2.9 Flash point	8
5.2.10 Density	8
5.2.11 Solubility	8
5.3 Release of regulated dangerous substances	10
5.4 Precision	10
6 Assessment and verification of constancy of performance - AVCP	10
6.1 General	10
6.2 Type testing	10
6.2.1 General	10
6.2.2 Test samples, testing and compliance criteria	11
6.2.3 Test reports	11
6.2.4 Shared other party results	11
6.3 Factory production control (FPC)	12
6.3.1 General	12
6.3.2 Requirements	12
6.3.3 Initial inspection of factory and of FPC	15
6.3.4 Continuous surveillance of FPC	15
6.3.5 Procedure for modifications	16
6.3.6 One-off products, pre-production products (e.g. prototypes) and products produced in very low quantity	16
Annex A (normative) Calculation of the penetration index	17
A.1 General	17
A.2 Term and definition	17
A.3 Principle	17
A.4 Determination	17

A.5	Expression of results	18
A.6	Precision	18
A.6.1	Repeatability	18
A.6.2	Reproducibility	18
Annex B (informative) Informative properties		19
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation		20
Z.A.1	Scope and relevant characteristics	20
Z.A.2	Procedure for AVCP of hard paving grade bitumens	21
Z.A.2.1	System of AVCP	21
Z.A.2.2	Declaration of performance (DoP)	22
Z.A.3	CE marking and labelling	25
Bibliography		29