

DIN EN 13108-6:2016-12 (E)

Bituminous mixtures - Material specifications - Part 6: Mastic Asphalt

Contents		Page
European foreword		4
Introduction		6
1	Scope	7
2	Normative references	7
3	Terms and definitions, symbols and abbreviations	8
3.1	Terms and definitions	8
3.2	Symbols and abbreviations	10
4	Requirements for constituent materials	10
4.1	General	10
4.2	Binder	11
4.2.1	General	11
4.2.2	Selection of Binder	11
4.2.3	Mixes with reclaimed asphalt	11
4.3	Aggregates	12
4.3.1	Coarse aggregate	12
4.3.2	Fine aggregate	12
4.3.3	All-in aggregates	12
4.3.4	Added filler	12
4.4	Reclaimed asphalt	12
4.5	Additives	12
5	Requirements for the mixture	13
5.1	General	13
5.2	Composition, grading, binder content	13
5.2.1	Composition	13
5.2.2	Grading	13
5.2.3	Minimum binder content	15
5.3	Properties	16
5.3.1	Specimens	16
5.3.2	Indentation and resistance to permanent deformation	16
5.3.3	Low temperature properties	19
5.3.4	Coating and homogeneity	20
5.3.5	Reaction to fire	20
5.3.6	Resistance to fuel for application on airfields	20
5.3.7	Resistance to de-icing fluid for application on airfields	21
5.4	Temperature of the mixture	21
5.5	Regulated dangerous substances	22
6	Assessment and verification of constancy of performance -- AVCP	22
7	Identification	22
Annex A (normative)	Calculations of the penetration or the softening point of the binder of a mixture when reclaimed asphalt is used	24
A.1	General	24
A.2	Calculation of the penetration of the binder of a mixture	24

A.3	Calculation of the softening point of the binder of a mixture	24
	Annex ZA (informative) Relationship of this European Standard with Regulation (EU) No. 305/2011	26
	ZA.1 Scope and relevant characteristics	26
	ZA.2 Procedure for AVCP of Mastic Asphalt	28
	ZA.3 Assignment of AVCP tasks	28
	Bibliography	32