DIN EN 12697-30:2012-06 (E)

Bituminous mixtures - Test methods for hot mix asphalt - Part 30: Specimen preparation by impact compactor

Contents

Page

Foreword 3

1 Scope 7

2 Normative references 7

3 Terms and definitions 7

4 Principle 7

5 Apparatus 7
5.1 Impact compactor with steel anvil 7
5.1.1 General 7
5.1.2 Conditions of installation 11
5.2 Impact compactor with wooden pedestal 12
5.2.1 General 12
5.3 Compaction mould 12
5.4 Ovens or hot plates 13
5.5 Steel block 13
5.6 Shields, baffle plates or sand baths 13
5.7 Plate 13

6 Shape and dimensions of the specimens 19

7 Specimen preparation 19

8 Procedure 19

9 Report 20

Annex A (informative) Device for the measurement of the specimens thickness during compaction 21

Annex B (informative) Checking procedure for impact compaction devices 22

B.1 Equipment 22
B.2 Procedure 22
B.3 Calculations and definition of impact dynamics: 22
B.4 Validation 23
B.5 Proposed process for validation of test equipment impact dynamics: 23
B.6 Checklist 24

Bibliography 25