DIN ISO 16938-1:2020-12 (E)

Buildings and civil engineering works - Determination of the staining of porous substrates by sealants used in joints - Part 1: T est with compression (ISO 16938-1:2019)

Contents

Page

National foreword ... **3**

National Annex NA (informative) **Bibliography** ... **4**

Foreword ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Principle ... **6**

5 Apparatus ... **7**
5.1 Substrate materials ... 7
5.2 Spacers ... 7
5.3 Non-adherent substrate ... 7
5.4 Masking tape ... 7
5.5 Ventilated convection-type oven ... 7
5.6 Refrigerated enclosure ... 7
5.7 Clamps or other device ... 7
5.8 Actinic radiation accelerated aging apparatus ... 7
5.8.1 General ... 7
5.8.2 Fluorescent ultraviolet radiation/condensation test apparatus ... 7
5.8.3 Xenon light test apparatus ... 8
5.9 Black standard thermometer ... 8
5.10 Measuring device ... 8

6 Preparation of test specimens ... **8**

7 Conditioning ... **9**

8 Test procedure ... **9**
8.1 Compression ... 9
8.2 Aging procedures ... 10
8.2.1 General ... 10
8.2.2 Heat aging ... 10
8.2.3 Cold aging ... 10
8.2.4 Actinic radiation aging ... 10

9 Detection of staining ... **11**
9.1 General ... 11
9.2 Detection at the surface of the substrate ... 11
9.3 Detection in the depth of the substrate ... 11
9.4 Expression of results ... 13

10 Test report ... **13**