

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: Test 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