ISO 13765-7:2021-09 (E)

Refractory mortars - Part 7: Determination of permanent change in dimensions on heating

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 1

5 Apparatus 1

6 Test preparation 2
6.1 Sampling 2
6.2 Preparation of the refractory bricks 2

7 Procedure 3
7.1 Preparation of the test specimens 3
7.2 Measurement of test specimens 4
7.3 Drying the test specimens 4
7.4 Firing the test specimens 4
7.5 Measurement of test specimens after heating (drying or firing) 5

8 Calculations 5
8.1 The permanent change in dimensions on drying 5
8.2 The permanent change in dimensions on firing 5
8.3 The permanent change in dimensions on heating 5

9 Precision 6
9.1 Interlaboratory tests 6
9.2 Repeatability 6
9.3 Reproducibility 6

10 Reporting 6

Annex A (informative) Results of interlaboratory tests 7