

DIN 18555-9:2019-04 (E)

Testing of mortars containing mineral binders - Part 9: Determination of the compressive strength of hardened mortars in the bed joint

Contents

Page

| | |
|--|----|
| Foreword | 3 |
| 1 Scope | 4 |
| 2 Normative references | 4 |
| 3 Terms and definitions..... | 4 |
| 4 Testing on a specially-made two unit sample | 5 |
| 4.1 Method I..... | 5 |
| 4.1.1 Principle | 5 |
| 4.1.2 Apparatus and accessories..... | 5 |
| 4.1.3 Masonry units | 6 |
| 4.1.4 Masonry mortar | 7 |
| 4.1.5 Preparation and storage of samples | 7 |
| 4.1.6 Test procedure | 7 |
| 4.1.7 Evaluation..... | 7 |
| 4.2 Method II..... | 8 |
| 4.2.1 Principle | 8 |
| 4.2.2 Apparatus and accessories..... | 8 |
| 4.2.3 Masonry units | 8 |
| 4.2.4 Masonry mortar | 8 |
| 4.2.5 Preparation and storage of samples | 8 |
| 4.2.6 Test procedure | 9 |
| 4.2.7 Evaluation..... | 9 |
| 4.3 Method III..... | 9 |
| 4.3.1 Principle | 9 |
| 4.3.2 Apparatus and accessories..... | 10 |
| 4.3.3 Masonry units | 11 |
| 4.3.4 Masonry mortar | 11 |
| 4.3.5 Preparation and storage of samples | 11 |
| 4.3.6 Test procedure | 11 |
| 4.3.7 Evaluation..... | 11 |
| 4.4 Test report..... | 11 |
| 5 Testing of mortar from masonry | 12 |
| 5.1 Method II..... | 12 |
| 5.1.1 Principle | 12 |
| 5.1.2 Apparatus and accessories..... | 12 |
| 5.1.3 Preparation and conditioning of test specimens | 12 |
| 5.1.4 Test procedure | 13 |
| 5.1.5 Evaluation..... | 13 |
| 5.2 Method III..... | 13 |
| 5.2.1 Principle | 13 |
| 5.2.2 Apparatus and accessories..... | 13 |
| 5.2.3 Preparation and conditioning of test specimens | 13 |
| 5.2.4 Test procedure | 14 |
| 5.2.5 Evaluation..... | 14 |
| 5.3 Test report..... | 14 |