

# DIN EN 18136:2026-09 (E)

## Ground limestone for use in concrete, mortar and grout - Definition, specifications and conformity criteria

---

| Contents                                                                  | Page |
|---------------------------------------------------------------------------|------|
| European foreword .....                                                   | 3    |
| Introduction .....                                                        | 4    |
| 1 Scope .....                                                             | 5    |
| 2 Normative references .....                                              | 5    |
| 3 Terms and definitions .....                                             | 5    |
| 4 Specifications .....                                                    | 7    |
| 4.1 General .....                                                         | 7    |
| 4.2 Chemical requirements .....                                           | 9    |
| 4.2.1 General .....                                                       | 9    |
| 4.2.2 Calcium carbonate content and total carbonate content .....         | 9    |
| 4.2.3 Chloride content .....                                              | 9    |
| 4.2.4 Clay content .....                                                  | 9    |
| 4.2.5 Moisture .....                                                      | 9    |
| 4.2.6 Total organic carbon content .....                                  | 9    |
| 4.2.7 Total alkali content .....                                          | 9    |
| 4.2.8 SiO <sub>2</sub> content .....                                      | 9    |
| 4.2.9 Total sulfur .....                                                  | 10   |
| 4.2.10 Acid-soluble sulfate content .....                                 | 10   |
| 4.3 Physical requirements .....                                           | 10   |
| 4.3.1 General .....                                                       | 10   |
| 4.3.2 Requirements when combined with the test cement .....               | 10   |
| 4.3.3 Blaine surface area .....                                           | 10   |
| 4.3.4 Fineness .....                                                      | 11   |
| 4.3.5 Particle density .....                                              | 11   |
| 4.4 Other requirements .....                                              | 11   |
| 4.4.1 Durability requirements .....                                       | 11   |
| 4.4.2 Release of dangerous substances and emission of radioactivity ..... | 11   |
| 4.4.3 Information to be supplied upon request .....                       | 11   |
| 5 Standard designation .....                                              | 11   |
| 6 Packaging and labelling .....                                           | 12   |
| 7 Sampling .....                                                          | 12   |
| 8 Conformity criteria .....                                               | 12   |
| 8.1 General requirements .....                                            | 12   |
| 8.2 Statistical conformity criteria .....                                 | 14   |
| 8.2.1 General .....                                                       | 14   |
| 8.2.2 Inspection by variables .....                                       | 14   |
| 8.2.3 Inspection by attributes .....                                      | 15   |
| 8.2.4 Single result conformity criteria .....                             | 16   |
| Annex A (informative) Assessment and Verification of Conformity .....     | 17   |
| Annex B (informative) Attestation of conformity .....                     | 23   |
| Bibliography .....                                                        | 24   |