

DIN EN 1793-1:2017-07 (E)

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions

| Contents | | Page |
|---|---|-------------|
| European foreword | | 3 |
| Introduction | | 5 |
| 1 | Scope | 7 |
| 2 | Normative references | 7 |
| 3 | Symbols and abbreviations | 7 |
| 4 | Test arrangement | 8 |
| 5 | Test procedure and evaluation | 13 |
| 5.1 | Test method | 13 |
| 5.2 | Single number rating of sound absorption DL,NRD | 16 |
| 6 | Test report | 16 |
| 6.1 | Expression of results | 16 |
| 6.2 | Further information | 17 |
| Annex A (informative) Guidance note on the use of the single number rating DL,NRD | | 18 |
| Annex B (informative) Measurement uncertainty | | 19 |
| B.1 | General | 19 |
| B.2 | Measurement uncertainty based upon reproducibility data | 19 |
| Annex C (informative) Example test report | | 20 |
| C.1 | Overview | 20 |
| C.2 | Test object (example) | 21 |
| C.3 | Test situation (example) | 22 |
| C.3.1 | Test room and test arrangement | 22 |
| C.3.2 | Test equipment and test procedures | 23 |
| C.3.3 | Test conditions | 24 |
| C.4 | Test results (example) | 24 |
| Bibliography | | 26 |