

# DIN EN 12572-3:2017-05 (E)

## Artificial climbing structures - Part 3: Safety requirements and test methods for climbing holds

---

| <b>Contents</b>                                                        | <b>Page</b> |
|------------------------------------------------------------------------|-------------|
| European foreword.....                                                 | 3           |
| Introduction .....                                                     | 4           |
| 1 Scope.....                                                           | 5           |
| 2 Normative references.....                                            | 5           |
| 3 Terms and definitions .....                                          | 5           |
| 4 Size classification .....                                            | 6           |
| 5 Safety requirements.....                                             | 7           |
| 5.1 General.....                                                       | 7           |
| 5.2 Material.....                                                      | 7           |
| 5.3 Ergonomic requirements .....                                       | 7           |
| 5.4 Resistance to fixation force .....                                 | 7           |
| 5.5 Resistance to breakage in use .....                                | 7           |
| 5.6 Dimension ratio .....                                              | 7           |
| 5.7 Volumes .....                                                      | 8           |
| 6 Test methods .....                                                   | 9           |
| 6.1 Sample preparation.....                                            | 9           |
| 6.2 Resistance to fixation force .....                                 | 9           |
| 6.3 Structural integrity.....                                          | 10          |
| 6.3.1 Holds.....                                                       | 10          |
| 6.3.2 Structural integrity of volumes .....                            | 10          |
| 7 Information to be provided by the manufacturer/supplier .....        | 11          |
| 8 Marking.....                                                         | 11          |
| Annex A (informative) Setup for testing the structural integrity ..... | 12          |
| Bibliography.....                                                      | 13          |