

DIN EN 1504-9:2008-11 (E)

Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 9: General principles for the use of products and systems

| Contents | | Page |
|---|--|-------------|
| Foreword | | 3 |
| Introduction | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 6 |
| 3 | Terms and definitions | 6 |
| 4 | Minimum requirements before protection and repair | 7 |
| 4.1 | General | 7 |
| 4.2 | Health and Safety | 7 |
| 4.3 | Assessment of defects and their causes | 7 |
| 5 | Protection and repair within a structure management strategy | 9 |
| 5.1 | General | 9 |
| 5.2 | Options | 9 |
| 5.3 | Factors | 9 |
| 5.4 | Choice of appropriate strategy | 10 |
| 6 | Basis for the choice of protection and repair principles and methods | 10 |
| 6.1 | General | 10 |
| 6.2 | Principles and methods of protection and repair | 10 |
| 7 | Properties of products and systems required for compliance with the principles of protection and repair | 13 |
| 7.1 | General | 13 |
| 7.2 | Methods which do not make use of specific products and systems | 13 |
| 8 | Maintenance following completion of protection and repair | 13 |
| 9 | Health, safety and the environment | 13 |
| 10 | Competence of personnel | 13 |
| Annex A (informative) Guidance and background information | | 15 |
| Introduction | | 15 |
| A.1 | Scope | 15 |
| A.2 | Normative reference | 16 |
| A.3 | Terms and definitions | 16 |
| A.4 | Minimum requirements before protection and repair | 16 |
| A.5 | Protection and repair within a structure management strategy | 20 |
| A.6 | Basis for the choice of protection and repair principles and methods | 22 |
| A.7 | Properties of products and systems required for compliance with the principles of protection and repair | 27 |
| A.8 | Maintenance following completion of protection and repair | 28 |

| | | |
|-------------|---|-----------|
| A.9 | Health, safety and environment | 28 |
| A.10 | Competence of personnel | 28 |
| | Bibliography | 29 |