

DIN EN 12390-10:2019-08 (E)

Testing hardened concrete - Part 10: Determination of the carbonation resistance of concrete at atmospheric levels of carb on dioxide

Contents		Page
European foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Principle	6
5	Reagents and apparatus	7
6	Production of specimens	7
6.1	General	7
6.2	Procedure when using climate controlled chamber	8
6.3	Procedure when using a natural exposure site	8
7	Carbonation depth measurements	9
7.1	Testing age and generation of colour change	9
7.2	Determination of the carbonation depth	10
8	Determination of the rate of carbonation	11
9	Test report	11
10	Precision	12
Annex A (informative) Guidance on suitable climate controlled chambers		15
Annex B (informative) Guidance on natural exposure sites		19
Bibliography		22