

DIN 5034-1:2011-07 (E)

Daylight in interiors - Part 1: General requirements

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Requirements for daylight openings	8
4.1	General	8
4.2	View out	8
4.2.1	General	8
4.2.2	Windows in habitable rooms	8
4.2.3	Windows in work rooms	8
4.2.4	Windows in other rooms	10
4.3	Daylighting	11
4.3.1	Brightness	11
4.3.2	Fulfilment of visual tasks	11
4.3.3	Energy demand for lighting	12
4.3.4	Restricting glare	12
4.4	Exposure to sunlight	12
4.5	Shadings	12
4.6	Protection from short-wave radiation	13
5	Design considerations	13
5.1	Rooms with windows	13
5.2	Rooms with rooflights	13
5.3	Consideration of shape and size of the building and of interior rooms	14
5.4	Consideration of obstructions	14
5.5	Consideration of room utilization	14
5.6	Design of interiors	14
Annex A (informative)	Overview of daylighting requirements and recommendations made in this standard	15
Bibliography		17