

DIN EN 15681-1:2016-06 (E)

Glass in building - Basic alumino silicate glass products - Part 1: Definitions and general physical and mechanical properties

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Chemical composition	6
4.1	General	6
4.2	Tint	6
5	Physical and mechanical characteristics	6
5.1	General characteristics	6
5.2	Characteristic bending strength	7
5.3	Designation of clear alumino silicate glass	7
5.3.1	General	7
5.3.2	Clear transparent alumino silicate glass	8
5.3.3	Clear translucent alumino silicate glass	8
5.4	Stability of physical and chemical characteristics	9
6	Dimensional requirements	9
6.1	Manufacturing dimensions	9
6.1.1	Stock sizes	9
6.1.2	Supplied and final cut sizes	9
6.2	Thickness and thickness tolerances	9
6.3	Length, width and squareness	10
7	Quality requirements	10
7.1	General	10
7.2	Methods of observation and measurement	11
7.2.1	Optical faults	11
7.2.2	Visual faults (spot faults, linear/extended faults), all types of basic alumino silicate glass	12
7.3	Acceptance levels	13
7.3.1	Optical faults	13
7.3.2	Visual faults (spot faults, linear/extended faults), all types of basic alumino silicate glass	13
7.4	Edge defects for final cut sizes	14
7.4.1	Entrant and emergent faults	14
7.4.2	Bevel	14
7.4.3	Limitations on edge defects	14
8	Designation	15
Annex A (informative) Complementary information related to REACH		16
Bibliography		17