

DIN EN 17530:2025-02 (E)

Railway applications - Interior glazing for rail vehicles (includes Amendment :2024)

Contents		Page
European foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Dimensions and tolerances	7
4.1	Monolithic glass	7
4.2	Laminated glass	8
4.3	Flatness	8
5	Functional requirements	8
5.1	Interior glazing test requirements	8
5.1.1	General	8
5.1.2	Type tests	8
5.1.3	Routine tests	9
5.2	Marking	9
5.2.1	Interior glazing	9
5.2.2	Display cover glazing	9
5.3	Service requirements	9
5.4	Storage of finished interior glazing	10
5.5	Edge finishing	10
5.5.1	General	10
5.5.2	Monolithic glass	11
5.5.3	Laminated glass	12
6	Visual and optical requirements	12
6.1	Appearance defects	12
6.1.1	General	12
6.1.2	Visual inspection procedure for appearance defects	12
6.1.3	Definition and classification of defects	14
6.1.4	Defect acceptance criteria	17
6.2	Optical characteristics	17
6.2.1	Optical distortion	17
6.2.2	Transmittance	17
7	Mechanical characteristics	17
7.1	Impact resistance	17
7.1.1	Hard object impact test requirements	17
7.1.2	Soft body impact test requirements	19
7.1.3	Repetition of tests in case of construction changes	20
7.2	Fragmentation	21
7.2.1	General	21
7.2.2	Fragmentation test	21
8	Performance in service	21
8.1	Resistance against ageing for laminated glass	21
8.1.1	Resistance to ultraviolet radiation test	21
8.1.2	Resistance to high temperature test	22
8.1.3	Resistance to humidity test	22

Annex A (normative) Test samples (including mounting)	23
A.1 Test sample properties	23
A.2 Test sample for optical tests	23
A.3 Test sample for mechanical tests	23
A.4 Test sample for ageing tests	23
Annex B (informative) Visual inspection procedure with a luminous board	24
Annex C (normative) Summary of testing requirements	26
Bibliography	27