

3 Approvals | Certificates - Fire ratings

Overview of fire certificates

Fire rating of PLEXIGLAS®. Grades are divided into 'all' and 'some' grades. The classification is given in decreasing order of difficulty.

PLEXIGLAS® generates in principle very little smoke, its combustion gases are non-toxic (DIN 53436) and non-corrosive.

Certificates

Country Certificate	Class	PLEXIGLAS® GS sheets	PLEXIGLAS® XT sheets	PLEXIGLAS® Multi-skin sheets
USA UL 94	V-O V-1 V-2 HB	all from 1.5 mm	all from 1.5 mm	all
Europe DIN EN 13501	E	from 3 mm	from 2 mm	all
Germany DIN 4102		all	all	all ¹⁾
German building inspectorate test report	B2	all from 3 mm	all from 1.8 mm	all
U.K. BS 476, Part 6+7	Class 0 Class 1 Class 2 Class 3 Class 4	from 3 mm all	some all	all
BS 2782, Meth. 508 A	TP (b)	3 mm	3 mm	
Italy CSE/RF 2/75A and 3/77	Class 1 Class 2 Class 3 Class 4 Class 5	all	all	all
Netherlands NEN 3883	Class 1 Class 2 Class 3 Class 4	all	all	all
Austria B 3800	B2	all	all	all
Switzerland	IV III	all	all	all

1) All PLEXIGLAS® SP multi-skin sheets with edge protection are in Class B2