

# INTRUDERPRUFE®

laminated safety glass

Intruderprufe® laminated safety glass makes it significantly more difficult for criminals to intrude into a building or break through a shopfront. It also prevents a simple fall against a large window from turning into a tragic accident. In addition to these well-proven safety and security benefits, Intruderprufe blocks noise and harmful UV radiation.

## performance ratings

Intruderprufe is available in three performance variations:

1. Normal Strength (NS) for human impact safety (0.38 mm PVB interlayer)
2. High Penetration Resistant (HPR) for additional security (0.76 mm PVB interlayer)
3. High Impact (HI) for security in high-risk applications (1.52 mm PVB interlayer)

## intrusion resistance

Intruderprufe is tested by repeatedly dropping a 225 g steel ball from a height of nine metres. The impact of each drop is approximately equivalent to the blow from a hammer. The table shows the number of blows required to penetrate the glass

Laminate strength	NS	HPR	HI
Number of blows	3	8	24

NB: The size of the hole at penetration point is approximately 50 mm in diameter. Many more blows are required to gain access.

## sizes

Nominal glass thickness (mm)	3.0	4.0	5.0	6.0
Intruderprufe NS thickness (mm)	6.38	8.38	10.38	12.38
Intruderprufe HPR thickness (mm)	6.76	8.76	10.76	12.76
Intruderprufe HR thickness (mm)	7.52	9.52	11.52	13.52
Standard sizes (mm)	2440 x 2000 2440 x 2134 2440 x 1830 3210 x 2250 3210 x 2440	3700 x 2440 3100 x 2440	3210 x 2250	3210 x 2250

Additional standard stock sizes are available on request. Recommended maximum size will depend on application and design load.

## performance data summary

Product		Visible Light		UV	Noise Control	Safety	Security
Nominal thickness (mm)	Strength	Transmission	Reflection	Elimination %	ISO9001 Rating / STC Value	Rating	Rating
6.38	NS	90	8	> 95	33	1	1
6.76	HPR	90	8	> 95	34	2	2
7.52	HI	90	8	> 95	34	3	3

