



# Bullet-Resistant-Doors

## Content

Function	Configuration	Type	Page
<b>DT</b>	1-leaf door	3 N	366

# Bullet-Resistant-Doors



# Bullet-Resistant-Doors

## Bullet-Resistant-Doors

Resistance class M 3

### Regulations and requirements

#### Resistance class M 3

The requirements of the “bullet resistance class M 3” are met, on the basis of the tests of the resistance class C 3 according to DIN 52290, part 2 (attack-blocking glazings).

Depending on the type of the operational demands (bore, bullet type) the bullet resistance class is determined. In order to confirm the resistance class M 3 a heavy handgun, bore “44 Magnum” (revolver, pan headed full metal jacket with a soft core) is fired off from a 3 meter distance.

#### Function

Bullet-Resistant-Doors are used in areas with increased security requirements against invasions and raids. Examples are banks, savings banks, airports, police stations, ministries and embassies.

#### Installation

The installation of Bullet-Resistant-Doors is only possible with steel frame in solid walls.



## Bullet-Resistant-Doors

### Configuration options

**DT** Solid door  
1-leaf door



Bullet-Resistant-Doors



# 3 N

## 1-leaf door Tender specifications

DT

### Information

For additional technical information please see appendix, indicated with

### Models

DT-1 FORM-Bullet-Resistant-Door  
Model 3.00

### Approval

- Beschußamt Ulm Approval No. 5220/M 80 001  
Delignit armoured wood

### Optional function

- Sound-Insulation  $R_{w,P} = 32$  dB
- Burglar-Protection WK 2
- Burglar-Protection WK 3

### Dimensions

- ✎ ..... BR-width x ..... BR-height
- ✎ ..... Throat opening

### Walls

- Solid wall (M)

### Steel frames

Galvanised and undercoated, sheet thickness 1,5 mm, 3-sided circumferential special gasket grey (optional in black, white or brown)

Solid wall:

- Backbend 9 mm
- Floor recess 30 mm
- Steel wrap-around frame, for solid wall
- Corner frame, sheet thickness 2 mm, 32/15 mm
- Steel block frame
  - Standard installation
  - Installation in hallways
- Round-shaped frame
- Face expansion ..... / ..... mm
- Decorative rebated frame, rebate depth ..... mm
- Quirk frame
- Expansion joint frame
- Required face width ..... / ..... mm
- Configuration in stainless steel
- 4-sided frame
- Sheet thickness 2 mm
- Backbend up to 25 mm
- ✎ .....

### Door leaf

- Door leaf thickness about 50 mm
  - Rebated (F)
- Solid door, climate category II
- Stress group S (3)
- Stress group E (4)
- Door with holohedral additional wood panelling, one-/two-sided
- Style door
  - with profile beads
  - with frame-like and/or fielded additional wood panelling

### Edges

- Veneer edge
- Plastic material edge
- Colour-coated edge
- ✎ .....

### Surfaces

#### Door leaf

- Veneer
  - Transparently coated
  - Stained/transparently coated
  - Untreated
- High pressure laminate (HPL), 0,8 mm
- On site coating/undercoating foil
- Colour-coated

### Hinges

#### Steel frames

Three-roll-hinges, 2 pieces, 160 mm, on request hinge base 3D adjustable

#### Rebated

- VX 7939/160, 3-d.
- BSW 060-21 VX, 3-d.
- VIELER ER.TB.160.335.F, 3-d.
- SIMONS FUK160.4.xx VX, 3-d.
- HEWI B8107.160 VX, 3-d.
- Additional 3rd hinge
- ✎ .....

#### Hinge surface

- Galvanised
- Matt nickel-plated
- Stainless steel
- Plastic material
- Brass-coloured
- Colour-coated

### Locks

- Lock according to DIN 18251, class 3 with latch function, backset 65 mm, prepared for profile cylinder
- Lock with special security equipment
- 3-way bolting

#### Forend surface

- Galvanised
- Stainless steel
- Brass-plated

### Special equipment

- Electrical strike
- Door viewer
- Climate category III
- Retractable bottom seal (standard for Sound-Insulation function)
- Sill seal with aluminium threshold
- Block lock (manually operated)
- Bolt contact
- Magnetic contact
- Security bolts
- Kick plate (aluminium/stainless steel)
- ✎ .....



# 3 N

1-leaf door

## Performance overview

DT

# Bullet-Resistant-Doors

### Main function



● Bullet-Resistant M 3

### Optional function



○ Sound-Insulation  $R_{w,P} = 32$  dB



○ Burglar-Protection WK 2  
○ Burglar-Protection WK 3

### Models



3.00



### Performance profile

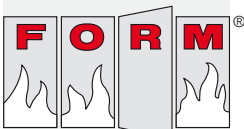
Dimensions (mm)	Basic dimension	BR-width	625-1000
	Basic dimension	BR-height	1750-2125
	Clear passage	LD-width	561- 936
	Clear passage	LD-height	1718-2093
	Door leaf thickness		50
Configuration	Solid door		○
	Style door (profile beads)		○
	Climate category II		●
	Stress group S (3)		●
	Stress group E (4)		○

Edge	Rebated	●
Walls	Solid wall	●
Frames	Steel frame	●
	4-sided frame	○

### Information

For additional technical information please see appendix, indicated with

● Standard ○ On request



Schörghuber

