

## Furniture /device

# Modular Vehicle Barrier (MVB)

*This lightweight, moveable, and modular vehicle barrier is designed to help prevent vehicular intrusions– for deployment in combat zones, camps, and installations, as well as for civilian uses. Its special design (L shaped) acts to block stop a vehicle by transferring the vehicle's horizontal momentum to vertical momentum. The barrier directs the momentum downwards into the ground in order to drastically reduce or terminate its forward momentum. The stopping distance and number of barriers needed for any weight and vehicle speed are provided by Mifram as part of its service.*



Image courtesy of Mifram Security

**Producer:** Mifram Ltd.  
6 Josef Levi st, Zur Shalom industrial area  
P.O.Box 1165, K. Bialik. Zip Code 2711101 Israel.

**Distributor:** Securityplus  
**Designer:** N/A  
**Production process:** factory

**Dimensions (1 unit):** 1 m length x 0,6 m width x 0,7 m height  
**Weight:** 22 kg  
**Frontal resistance:** 11 tons  
**Volume:** 0,42 m<sup>3</sup>  
**Installation kit content:** N/D

**Principal materials:** Steel ST52

**Production (1 unit):** 1000\$ US  
**Cost/shipping time USA/NY:** N/D  
**Cost/shipping time QC / Canada:** N/D

**Operation:**  
**Machinery required:** None

Activity type (permanent/temporary): Temporary

Operating temperature: Any climatic conditions

Cleaning method: No need of special care within the first 15 years except for mild cleaning.

**Notes**

- Can be used in any type of terrain
- Compact storage (folding barrier)
- Assembly time: 10 minutes
- Can be rented
- No need of specific maintenance during at least the first 15 years

**Certified anti-terrorism:** Yes

**Performance details / test:** PATENT PENDING

Tested by The Technion Institute

Cat. No. BMFR-020

**Rating:**

Security	●	●	●	●
Aesthetics	●	●	●	●
Durability	●	●	●	●
Mobility	●	●	●	●
Production	●	●	●	●
Maintenance	●	●	●	●
Other	●	●	●	●
Effectiveness	●	●	●	●

**Links:**

Videos:

Video of the impact of the vehicle on the device (reaction):

<https://www.youtube.com/watch?v=44p21X-iwKY>

Video of the assembly:

[https://www.youtube.com/watch?v=6oBOcPhxf\\_s&feature=youtu.be](https://www.youtube.com/watch?v=6oBOcPhxf_s&feature=youtu.be)

Technical information:

<http://fr.miframsecurity.com/solutions/products/mvb/>

Articles:

<http://www.ledauphine.com/vaucluse/2017/07/12/>

[la-ville-se-dote-du-top-de-la-protection-antiterroriste](http://www.ledauphine.com/vaucluse/2017/07/12/la-ville-se-dote-du-top-de-la-protection-antiterroriste)

<https://www.i24news.tv/fr/actu/israel/diplomatie-defense/133449-161224-l-allemande-commande-des-barrieres-modulaires-israeliennes-pour-vehicules>

<http://tempsreel.nouvelobs.com/societe/terrorisme/20170818.OBS3536/attentats-a-avignon-des-barrieres-de-pointe-anti-voitures-beliers.html>