



# DOOMAX™ VRF

## Crash-Rated Fence System



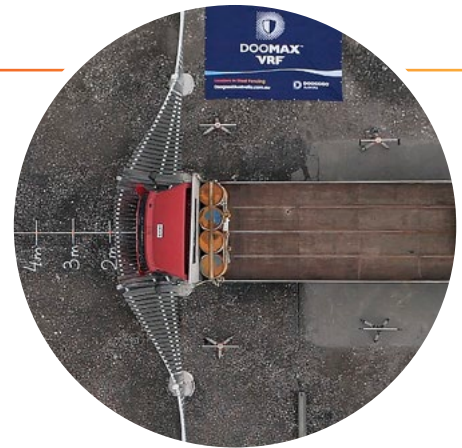
### DESCRIPTION

The DooMAX™ VRF by Doogood Australia is the nation's only locally designed, manufactured, and crash-tested fence system. Engineered to protect Australia's critical infrastructure, certified to ISO 22343-1:2023 (PAS 68) and ASTM F2656/F2656M standards. Proudly developed in collaboration with Deakin University, this fence was thoroughly tested through advanced computer simulations and vehicle crash testing in Germany, July 2025. Delivering advanced hostile vehicle mitigation (HVM) capabilities while meeting Australian conditions and supply chain needs.

Using an advanced picket and joiner system (PP), DooMAX™ ensures tamper resistance, rapid installation, and the anti-attack fixings are engineered to withstand forced entry attempts and significantly delay intrusion, providing critical time preserving measures to allow for internal and external security response. DooMAX™ also features our powder-coated warranty system (E-Coat / Metaplex), allowing for greater corrosion resistance ensuring it is up to the challenges of Australia's unique climate.

### KEY FEATURES

- Certified to ISO 22343-1:2023 (PAS68) and ASTM F2656/F2656M
- Patent-pending picket and joiner system
- Anti Attack/Tamper Proof Fixings
- Australian-made steel, hot dip galvanised to AS/NZS 4680
- Powder-coated warranty system (E-Coat / Metaplex)
- Faster install times
- Quicker lead times (stock readily available)
- Rakeable and corner adaptable
- Compatible with HVM gates and bollards (tested and certified)



### CRASH CERTIFICATION

#### ISO 22343-1: Fence V/7200[N3C]/48/90:6.2/0.0

|                    |                                    |
|--------------------|------------------------------------|
| Fence = Subject    | 48 = Test Speed (km/h)             |
| V = Vehicle        | 90 = Impact Angle (degrees)        |
| 7,200 = Weight     | 6.2 = Vehicle Penetration (metres) |
| [N3C] = Truck Type | 0.0 = Debris Dispersion            |

#### ASTM F2656/F2656M-23 -P2

P2 = Penetration Rating (3.31' - 23')

### TESTING

Classification: C730 / N3C

Test Vehicle Mass: 7200kg

Impact Speed: 48km/h @ 90°

### APPLICATIONS



Data Centres



Correctional Facilities



Train Stations



Government Projects



Airports



Substations



Industrial Estates



HVM-Controlled  
Zones



Defence Force  
Facilities



Ports



## ACCREDITATIONS



## ADDITIONAL SECURITY FEATURES

- Tamper-resistant concealed fixings
- Optional barbed wire, razor wire, or electric toppings
- Available with matching crash rated gates (tested and certified)

## SPECIFICATIONS

| Fence Height | Post Size    | Picket Shape | Picket Centres | Post Type   |
|--------------|--------------|--------------|----------------|-------------|
| 2400mm       | 150 x 100mm  | M            | 118.5          | Line        |
| 2400mm       | 200 x 200 mm | M            | 118.5          | Corner/ End |

## STANDARDS

| Component      | Standard                                        | Grade              |
|----------------|-------------------------------------------------|--------------------|
| Posts          | AS/NZS 1163 (or international equivalent)       | 350 LO             |
| Rails          | AS/NZS 3679.1 (or international equivalent)     | 300 MPa            |
| Pickets        | AS/NZS 3678 (or international equivalent)       | 250 MPa            |
| Fasteners      | AS 1111 & AS 1214 (or international equivalent) | Grade 8.8          |
| Galvanising    | AS/NZS 4680 (or international equivalent)       | ≥85µm              |
| Powder Coating | AS4306 (or international equivalent)            | Metaplex™ / E-Coat |

## Pedestrian Retention Fence (PRF)

The PRF system is designed to look like the Doomax™ VRF, however, unlike the VRF, the PRF does not incorporate hostile vehicle mitigation features, making it the perfect choice for locations where vehicle impact protection is not required but pedestrian control, boundary security, and visual continuity are still important.

