

M-Guard











Mercedes-Benz



A safe place to be. On or off the road

Those who are self-confident in life tend to define themselves by their interests and activities. Part of a busy family life naturally involves attending important events and being out and about a lot – without any sense of restriction. The M-Guard gives you the ride comfort you want whilst providing outstanding protection for you and your passengers. The mere fact that you sit higher up ensures a better view of the surroundings in any situation. And, as a special-protection vehicle, the M-Guard with integrated protective components meets all the requirements of Resistance Level VR4, which covers handguns up to the .44 Magnum. Your M-Guard therefore helps protect you from rising street crime. Added to this, it remains a safe place to be regardless of the state of the road, and whether you are driving on or off-road, as the 4MATIC permanent all-wheel drive delivers outstanding traction and exemplary handling. Think yourself safe!

Ballistic Resistance Levels based on weapon type and calibre according to BRV 2009

Level	Weapon type	Projectile	Resistance
VR 1			Weapons up to .22LR
VR 2			Handguns up to 9 mm Luger (Para)
VR 3			Handguns up to .357 Magnum
VR 4			Handguns up to .44 Magnum

The M-Guard models meet the requirements for high protection at Resistance Level VR4. The standard defines parameters such as projectile speed or the distance between weapon and vehicle. With the aim of getting as close to reality as possible, testing takes into account impact angles of 45° and 90° as well as additional, random firing angles, even in the joint areas on the car. The results fully meet the strict requirements of the official BRV 2009 Directive.

VR = Vehicle Resistance

BRV = Directive for the testing and certification of bulletproof vehicles

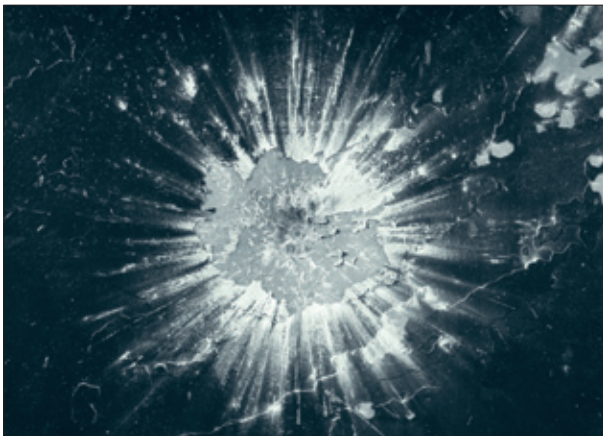


Facts to make you feel safe and assured

With its integrated concept, your M-Guard offers you complete protection in the face of rising street crime and ever-increasing danger in day-to-day situations. The special-protection vehicle designed to fit in with your lifestyle incorporates a wealth of refined details to give you a feeling of total safety based on clear and verifiable facts, including intelligent solutions to avert danger even at supposed weak spots as well as meeting strict requirements regarding the perfection and precision of the materials and finish. By way of example, the windows

are made up of several glass layers in a special sandwich structure with an additional polycarbonate inner layer to prevent the penetration of projectiles or other dangerous objects whilst protecting the occupants from glass splinters. The M-Guard provides further proof of its ballistic resistance in the “Multihit” test, which involves a triangular volley of shots being fired at the windscreen and side windows. It has to pass a whole series of further tests and trials, of course, and achieves top marks in meeting the test requirements of international authorities.

Furthermore, as a certified protection vehicle with an interior offering complete bullet resistance, it helps ensure personal safety. The same level of safety is maintained even if a tyre loses pressure, for example: the run-flat capability of the MOExtended tyres and the all-wheel-drive strengths of your M-Guard make it easier to get away in dangerous scenarios.



Bulletproof glass for all-round protection.



Even when under fire, the interior remains a personal safe zone.

Invisible at first. But highly effective at all times

One special feature of the M-Guard is the fact that the special-protection vehicle manages to conceal much of what lies within in. This discretion and inconspicuousness is a key factor for your protection, and also ensures that you don't have to compromise when it comes to comfort, space or driving enjoyment. This is achieved not by some secret method but, moreover, by applying a unique principle: protective elements are designed as integral component parts during the vehicle development stage and installed beneath the standard-production M-Class outer skin. Uncompromising quality during production and development coupled with outstanding innovation and technology result in highly effective protection.

The Mercedes-Benz Guard integrated protection concept.

1. Selected and integrated for a perfect fit and finish: materials that reinforce the body structure at specific points plus combined steel, glass and plastic designs that provide protection.
2. Adapted chassis: specially reinforced components, a redeveloped chassis and the retuning of the electronic control components ensure hallmark Mercedes-Benz safety and ride comfort despite the added weight.
3. Special glass in a sandwich structure: highly resistant and shatterproof thanks to an additional polycarbonate inner layer.
4. Unquestionably intelligent: refined designs and overlapping systems provide particularly effective protection at sensitive points.
5. Run-flat tyres for mobility: MOExtended tyres with reinforced side walls take the car's weight even when they are deflated and allow you to keep driving for a certain distance.



Model	ML 350 BLUETEC	ML 500 Guard
Resistance Level acc. to BRV 2009	VR 4	VR 4
Number of cylinders/arrangement	6 / V	8 / V
Total displacement (cc)	2987	4663
Rated output (kW at rpm)	180/3600	300/5000
Acceleration from 0-100 km/h (s)	9.4	6.5
Top speed, electronically governed	210	210
Fuel consumption (l/100 km), combined, figures in brackets refer to model without ECO start/stop function*	8.1	12.2 (13.2)
CO ₂ emissions (g/km), combined*	212	285 (309)
Emission class	Euro 6	Euro 5
Payload (kg)	585	565

* The figures shown were obtained in accordance with the prescribed measuring process (Directive 80/1268/EEC in the currently applicable version). The figures are not based on an individual model and do not constitute part of the product offer; they are provided solely for purposes of comparison between vehicle models.

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