



PROTECTING PEOPLE AND ASSETS



SECURABLINDS® DEFENDER GRILLE • DOUBLE LOCK GRILLE / FIXED GRILLE

SECURABLINDS®

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TECHNICAL DATASHEET

SECURABLINDS® DEFENDER GRILLE

SECURABLINDS® Defender Double Lock Grille or Fixed Grille Security Blind.
Internally fitted behind a building's window for forced entry prevention.

Product Name:	SECURABLINDS® Defender
Product Type:	Double Lock Grille / Fixed Grille
Product Code:	A1DLG (Double Lock Grille) A1DLGT (Double Lock Grille Transom) A1GR (Fixed Grille) A1GRT (Fixed Grille Transom)
General Description:	Internally fitted behind a building's window for forced entry prevention. The SECURABLINDS® Defender Fixed Grille has a fixed internal panel when access to the window is not necessary. The SECURABLINDS® Defender Double Lock Grille has a lock on both sides of the panel, so it can be removed for access to the window by unlocking both sides and carefully lifting out with the required amount of people depending on its size.
Finish:	Polyester Powder Coated
Blades:	85mm Aluminium Blades @ 75mm centres. 59mm between blades at 90 °.
Locking Bar:	A locking bar can be inserted across the blades into the inner panel to lock the blades in the closed position.

Features and benefits:

- » LPCB approved under LPS 1175: Issue 8 Security Rating B3 (SR2)
- » Secured by Design – Police Preferred Specification
- » 85mm polyester powder coated aluminium blades able to rotate through 180° combining the conventional features of a window blind and the high strength of a security grille.
- » The Fixed Grille has a fixed internal panel when access to the window is not necessary. The Double Lock Grille has a lock on both sides of the panel, so it can be removed for access to the window by unlocking both sides and carefully lifting out with the required amount of people depending on its size.
- » Due to the way the inner panel is positioned when installing this allows this product to be fitted into windows where they may be minimal room to manoeuvre and where a SECURABLINDS® Defender Gate might not be able to be installed.
- » A transom can be included and is recommended over a certain height, splitting the blades into two sets which can be moved independently from one another providing further flexibility for different applications.
- » Solid construction creates an impervious barrier between a high level of attack and the inside of a property.
- » Durable and resilient, with a high core strength.
- » Comprising steel outer and inner frame, aluminium blades, high tensile rods (which create a barrier of protection), stainless steel shoot bolts (A1DLG / A1DLGT) and a locking bar (which clamps the blades shut).
- » Aesthetically pleasing compared to physical security systems, appearing as a conventional window blind.
- » Does not suffer broken cords, strings or blades.
- » Easy to maintain.
- » Multiple configurations are available.
- » Manufactured in accordance with ISO 9001.



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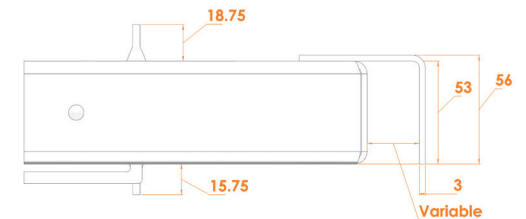
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A1DLGT (Double Lock Grille Transom)
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Finish: Polyester Powder Coated

Blades: 85mm Aluminium Blades @ 75mm centres.
59mm between blades at 90 °.

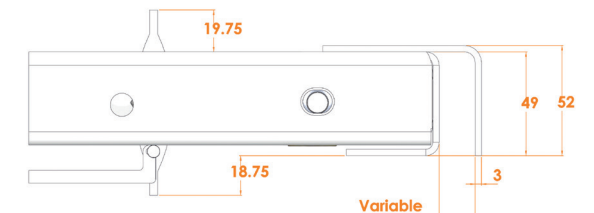
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Above – A1GR/A1GRT

Below – A1DLG/A1DLGT

To secure the potential gap between unit size and aperture size a steel angle packer is used on one or both sides of the unit to make sure the fixing of the unit is solid and secure.





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Width

Choose closest size under tightest aperture size -5mm. Increments in 75mm.

Double Lock Grille Min – Max Width: 420mm – 1695mm. Fixed Grille Min – Max Width: 717mm – 3267mm. Example sizes for fixed and double grille are shown opposite.

Double Lock Grille

» 495 mm. 4 blades.	» 570 mm. 5 blades.	» 645 mm. 6 blades.
» 720 mm. 7 blades.	» 795 mm. 8 blades.	» 870 mm. 9 blades.
» 945 mm. 10 blades.	» 1020 mm. 11 blades.	» 1095 mm. 12 blades.
» 1170 mm. 13 blades.	» 1245 mm. 14 blades.	» 1320 mm. 15 blades.
» 1395 mm. 16 blades.	» 1470 mm. 17 blades.	» 1545 mm. 18 blades.

Fixed Grille

» 463 mm. 4 blades.	» 538 mm. 5 blades.	» 613 mm. 6 blades.
» 688 mm. 7 blades.	» 763 mm. 8 blades.	» 838 mm. 9 blades.
» 913 mm. 10 blades.	» 988 mm. 11 blades.	» 1063 mm. 12 blades.
» 1138 mm. 13 blades.	» 1213 mm. 14 blades.	» 1288 mm. 15 blades.
» 1363 mm. 16 blades.	» 1438 mm. 17 blades.	» 1513 mm. 18 blades.

Height

(Tightest aperture size -5mm.) Double Lock Grille Min – Max Height (dependant on width): 550mm – 2500mm. Fixed Grille Min – Max Height (dependant on width): 420mm – 2500mm. Over 1900mm it is recommended connecting strips are used between blades. A transom (variable height) splitting the blades into two sets that can move independently from one another is recommended over the height of 2000mm. Some small sizes unable to accommodate a locking bar.

Lock height and locking bar height are variable, dependent on overall height chosen. Lock height typically placed approximately a third from the bottom to centre of the unit.

Locking bar height typically 2-300mm below lock height (Dependant on height of the unit, lock and hinge heights). If a transom is required there is a locking bar for each set of blades.

Fixing

Typically fixed through the outer frame within the reveal of a window aperture into the substrate of the building (timber/brick/block/concrete) using M8 VF fixings.