

PRODUCT: QwickGrate

COMPANY: Outdure International Ltd.

DATE: 23/03/2018

PRODUCT DESCRIPTION

Outdure QwickGrate is an aluminium grate used for ventilation to the deck structure and substrate. QwickGrate also allows easy access for inspection, cleaning and maintenance of the waterproof membrane, sumps and drains. QwickGrate has been designed to be used in conjunction with:

- Outdure QwickBuild;
- Outdure's range of composite decking, and other composite decking brands;
- Hardwood timber decking boards;
- Outdure range of exterior structural tiles and other structural tile brands; and
- Outdure synthetic turf.

STATEMENT OF BUILDING CODE COMPLIANCE

This system is designed, used, installed and maintained in accordance with the supporting technical information and additional conditions and limitations based on the Australian and New Zealand Building Code. Alternative solutions by demonstrating compliance based on the performance requirements of the Building Code for:

- B1 Structure
- B2 Durability
- D1 Access Routes
- E2 External Moisture
- Floor grate compliance to AS1428.1

QwickGrate complies to AS1428.1 on the following basis:

- Circular openings shall be not more than 13mm diameter;
- slotted openings shall be not more than 13mm wide and be orientated so that the long dimension is transverse to the dominant direction of travel;
- where slotted openings are less than 8mm, the length of the slots may continue across the width of paths of travel.

QwickGrate is Heelsafe surface complying to AS 3996, Clause 3.3.5 Surface Openings in Pedestrian Areas. With a slot width of 7mm, the grates are designed to resist bicycle type penetration, as well as that of 10mm heels. Outdure recommends the long dimension of the slot is transverse to the dominant direction of travel. If however, the direction is otherwise changed by the designer or specifiers or installer, Outdure does not accept or assume any responsibility or liability for the long dimension not being transverse to the dominant direction of travel.

EVIDENCE BASE TO SUPPORT COMPLIANCE

This system has the following evidence to support the above solution type declaration:

- Independent technical opinion
- In-house technical opinion
- Independent testing
- In-house testing
- Historical proof of performance

VALIDITY DATE

The validity date is dictated by the earliest renewal date of any relevant testing or appraisal documents. This is: 30/04/2012

SCOPE OF USE

QwickGrate, when installed in accordance with Outdure's Installation Guide, is intended for ventilation and access for inspection, cleaning and maintenance of the waterproof membrane, sumps and drains. QwickGrate is to be used in horizontal applications but can, eventually, be used in vertical applications by specific design. For more information on additional uses, visit www.outdure.com

CONDITIONS AND LIMITATIONS

Outdure does not guarantee sufficient ventilation or access for any decking scenario. The application of QwickGrate is a case by case basis, and relies on suitable judgement by the installer as to how much of grate is required to perform to the project/client's requirements or expectations.

CONSENTING INSTRUCTIONS

Outdure QwickGrate is to be installed in accordance with good trade practice and relevant Outdure Installation Guides.

CRITICAL MAINTENANCE

Maintenance requirements and care recommendations are detailed in the relevant Maintenance and Care Guides. For more information visit www.outdure.com/care