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REPORT 10262

25 FEBRUARY 2019

PENDULUM SLIP RESISTANCE TEST

AS/NZS 4586:2013

Test Date: 24/01/19
Prepared for: Gilt Edge Industries LTD, Sydenham, Christchurch, New Zealand
Specimen: Gradus Black Stair Tile - unfixed
Preparation: Cleaned, rinsed and dried with neutral detergent
Test Condition: Sample in new condition supplied directly from manufacturer
Slope: 0° - Tested on a flat surface fixed within MUNRO Sample Holder
Test Direction: 0°, 90° & 45°
Temperature: 21°
Test Equipment: MUNRO Pendulum Skid Tester – Serial Number 1137, calibrated to 13/02/19 and slider 96 to 13/02/19
Conditioned: P400 and 3 micron lapping film
Test Carried out: Using potable water for wet tests
Test Operative: John Myers

Direction	0°	90°	45°
WET Mean of last 3 swings Slider 96	55	56	55
DRY Mean of last 3 swings Slider 96	69	70	69

Reported SRV/PTV of Sample	69/55
Class:	P5

John Myers MBA



How to interpret your wet test report

Wet pendulum test results offer six possible classifications: 'P0', 'P1', 'P2', 'P3', 'P4' or 'P5' where P0 offer lower levels of slip-resistance than P5.

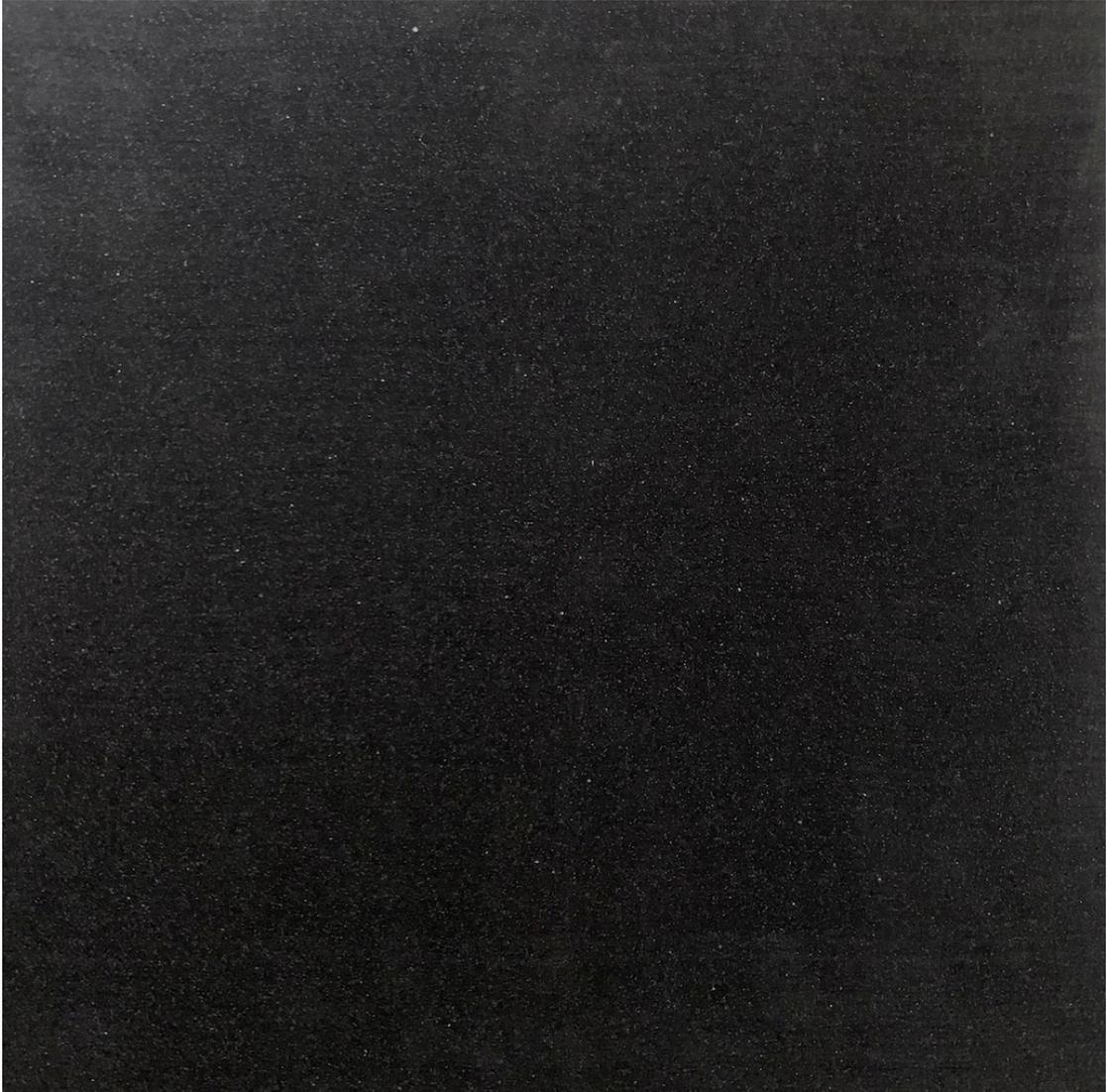
Different location types requires a minimum level of slip-resistance under the **'wet tests interpretation guide, part 2' - National Construction Code Compliance Classifications.**

Stair treads and Stair Nosings require a minimum classification of P4

CLASSIFICATION OF PEDESTRIAN SURFACE MATERIALS ACCORDING TO THE AS 4586 WET PENDULUM TEST

Class	Pendulum SRV	
	Slider 96	Slider 55
P5	>54	>44
P4	45-54	40-44
P3	35-44	35-39
P2	25-34	20-34
P1	12-24	<20
P0	<12	-

Black Stair Tile





Gilt Edge Industries Ltd®

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NBS & Gradus Specifications

Stairtile

Data Sheet: (sheet 1 of 1) December 2008

Gradus is a member of NBS Plus, providing a comprehensive library of pre-written specifications supported by guidance notes. The NBS specification for Stairtile is shown below, plus a detailed Gradus specification and profile description to ensure the correct specification is maintained. For further information on NBS contact NBS Services on 0191 232 9594.

NBS Specification

M50 RUBBER/PLASTICS/CORK/LINO/CARPET TILING/SHEETING 10 / 110 TILING

Manufacturer: Gradus Accessories, Park Green, Macclesfield, Cheshire, SK11 7LZ.

Reference: Stairtile

Material: Rubber Composite

Colour: Black (LRV: 3.70), Brown (LRV: 8.99), White (LRV: 58.38), Yellow (LRV: 44.92) (select as required)

Fixing: Mechanical (screw and adhesive fix – as per manufacturers instructions)

Gradus Detailed Specification

Manufacturer: Gradus Accessories, Park Green, Macclesfield, Cheshire, SK11 7LZ.

Reference: Stairtile

Material: Rubber Composite

Size:

OTXXF – XX = width (available in widths from 12mm – 500mm) – rebated into existing steps

OTXXD – XX = width (available in widths from 12mm – 500mm) – pre-cast into new steps

OTXXR – XX = width (available in widths from 12mm – 500mm) – can be rebated as a step edge

OTXXRDG – XX = width (available in widths from 12mm – 500mm) – pre-cast into new steps

Discs: available in 25mm, 38mm and 50mm – rebated into existing steps

Thickness:

6.5mm sanded – supplied to ready-prepared floor finishes (not available for OT/RDG profiles)

8.0mm unsanded – supplied where further site finishing is required

Colour: Black (LRV: 3.70), Brown (LRV: 8.99), White (LRV: 58.38), Yellow (LRV: 44.92) (select as required)

Fixing: Mechanical (screw and adhesive fix – as per manufacturers instructions)

Description

Stairtile

Stairtile is a rubber composite material designed to provide a hardwearing slip-resistant finish for stairs and floors. It can be used as a complete stair covering or as an insert set into concrete, terrazzo, wood, stone and marble. Stairtile is suitable for use in both internal and external applications.