

CUSTOMER REFERENCE

## 160Z EcoWorx Carpet Tile

Customer Sample Description: 16 oz/yd<sup>2</sup> Nylon Carpet Tile

### TEST AS TO MEET REQUIREMENTS OF ISO 5660-1:2002

ISO 5660-1:2002 Reaction-to-fire tests - Heat Release, smoke production and mass loss rate - Part 1: Heat release rate (cone calorimeter method).

### RESULTS

#### Summary of Test Details

Nominal Duct Flow	24 l/s	Sampling Interval	5 sec	Orientation	Horizontal
Heat Flux	50 kW/m <sup>2</sup>	Separation	25 mm	Retainer Used	<input checked="" type="checkbox"/>
Substrate Used	GIB Standard 10 mm Plasterboard	Uzin WK 222 Adhesive	Grid Used	Yes	

#### Heat Release Rate

Specimen	1	2	3	Mean
Mean Heat Release Rate (at 50kW/m <sup>2</sup> )	66.3	65.5	85.6	72.5 kW/m <sup>2</sup>

#### Group Number Classification – New Zealand Building Code Verification Method C/VM2 Appendix A

Specimen	1	2	3	Highest (Worst)
BCA Group Classification	3	3	3	3

#### Average Specific Extinction Area – New Zealand Building Code Verification Method C/VM2 Appendix A

Specimen	1	2	3	Mean
Average Specific Extinction Area	135.4S	150.8S	180.7S	155.6S m <sup>2</sup> /kg

**MEAN HEAT RELEASE RATE @50kW/m<sup>2</sup> 72.5 kW/m<sup>2</sup>**

**GROUP NUMBER CLASSIFICATION 3**

**AVERAGE SPECIFIC EXTINCTION AREA 155.6S m<sup>2</sup>/kg**

Full details of this test are enclosed in the folder which is presented with this certificate. This includes a print out of the actual cone calorimeter data obtained when this sample was tested. The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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