

Certificate of Test

CZ52 NE2861

REPORT NO. FNE7526

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SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: SOFT-AIR DUCTING - KLIMAGIEL VERONA (ITALY)

SPONSOR: King Sheet Metal
16 Crystal Street
ROSELLE NSW
AUSTRALIA

DESCRIPTION OF TEST SPECIMEN: The sponsor described the specimen as a woven glassfibre ducting with a coating of aluminium polyurethane on both sides.
Density: 480 g/m²
Thickness: 0.36 mm
Colour: grey.

TEST PROCEDURE: Six samples were tested in accordance with Australian Standard 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1989. For the test each sample was clamped to the specimen holder in four places.

RESULTS: The following means and standard errors were obtained:

| Parameter | Mean | Standard Error |
|--|--------|----------------|
| Ignition Time (min) | N/A | N/A |
| Flame Spread Time (s) | N/A | N/A |
| Heat Release Integral (kJ/m ²) | N/A | N/A |
| Smoke Release (log ₁₀ D) | -1.706 | 0.138 |

For regulatory purposes these figures correspond to the following indices:

| Ignitability Index (0-20) | Spread of Flame Index (0-10) | Heat Evolved Index (0-10) | Smoke Developed Index (0-10) |
|---------------------------|------------------------------|---------------------------|------------------------------|
| 0 | 0 | 0 | 2 |

The results of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

DATE OF TEST: 8 July 1999 and 10 August 1999
Issued on the 11th day of August 1999 without alterations or additions.


R J Collins
Testing Officer


Gary E Collins
Manager Fire Testing and Assessments



Accreditation No. 3632

This laboratory is accredited by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



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14 Julius Avenue, Riverside Corporate Park, Delhi Road, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555