Rohre® Aluminium Coral Brush

Recessed entrance matting · Carpet and aluminium construction, 13mm

CRITICAL RADIANT FLUX

9.7 kW/m²

AS ISO 9239.1, exceeds NCC Table S7C3 for both sprinklered and non-sprinklered buildings

TEST RESULT

MEASUREMENT	SPECIMENS	MEAN
Critical radiant flux, Length	10.4	**10.4** kW/m²
Critical radiant flux, Width	9.6, 9.8, 9.8	**9.7** kW/m²
Smoke development, Length	118	**118** %.min
Smoke development, Width	258, 183, 126	**189** %.min

COMPLIANCE AGAINST NCC 2022 SPECIFICATION 7

Sprinkler protected	Requires 2.2 kW/m² minimum. Result 9.7 kW/m². **Complies.**
Not sprinkler protected	Requires 4.5 kW/m² minimum. Result 9.7 kW/m². **Complies.**
Smoke development rate	Maximum 750 percent-minutes. Result 189 percent-minutes. **Complies.**

TEST DETAIL AND INDEPENDENT VERIFICATION

Test method	AS ISO 9239.1-2003, reaction to fire tests for floorings, burning behaviour using a radiant heat source
Substrate	Each specimen clamped to 6mm fibre reinforced cement board
Observation, melting	Yes
Testing laboratory	AWTA Product Testing (Australian Wool Testing Authority Ltd)
Accreditation	NATA accredited to ISO/IEC 17025 · Accreditation Nos. 983, 985, 1356
Report number	24-003657
Date tested	15 October 2024
Issue date	15 October 2024

Scope. Governing figure is the lower of the two directions. Results relate to the specimens tested under the particular conditions of the test and are not intended as the sole criterion for assessing the potential fire hazard of the product in use. The full AWTA report is available on request.
Verification. Korb are not licensed Building Surveyors or fire engineers. Where fire performance is critical, we recommend the product be verified as fit for its intended application by an accredited party before installation.

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