

Certificate of Test

QUOTE No.: NE8846

REPORT No.: FNE13184

AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: Ecotone Prime overcoated with Ecotone Sharp overcoated with Ecotone Seal

SPONSOR: The Trustee For Watling Family Trust trading as Ecotone Coatings
329/195 Prospect Highway
SEVEN HILLS NSW 2147
AUSTRALIA

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as a coated fibre cement sheet comprised of a primary coat, secondary coat and sealing coat. The fibre cement sheet was comprised of crystalline silica, calcium silicate, calcium carbonate and calcium aluminium silicate cellulose. The primary coat was comprised of polymer, resin, fillers and additives. The secondary coat was comprised of acrylic resin, colourants, flattening agents and additives. The sealant coat was comprised of an un-pigmented, ultraviolet and weather resistant polymer system.

Nominal thickness of primary coat: < 1 mm
Nominal thickness of secondary coat: < 1 mm
Nominal thickness of sealant coat: < 1 mm
Nominal total thickness: 15 mm
Nominal mass: 27.25 kg/m²
Colour: red (face) / off-white (rear)

The test result only relates to the specimen tested and described in this report. CSIRO was not involved in the selection of the materials.

TEST PROCEDURE: Six (6) samples were tested in accordance with AS/NZS 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. 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)	-2.242	0.175

For regulatory purposes these figures correspond to the following indices:

Ignitability Index (0-20) 0	Spread of Flame Index (0-10) 0	Heat Evolved Index (0-10) 0	Smoke Developed Index (0-10) 0-1
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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.

Testing Officer: Clive Broadhead Date of Test: 19 March 2024

Issued on the 22nd day of April 2024 without alterations or additions.



Stephen Smith
Team Leader, Reaction to Fire & Façade Fire Laboratory

End of Report

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CSIRO INFRASTRUCTURE TECHNOLOGIES



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