

Certificate of Test

NKCF NE1932

REPORT NO. FNE6646

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

TRADE NAME: WB009/7979 GRAY DUCT SEALER

SPONSOR: Valiant Paint Sales (Aust)
7-9 Bayard Road
MORTLAKE NSW

DESCRIPTION OF TEST SPECIMEN: The sponsor described the specimen as a water based emulsion sealant brush applied to a 1 mm steel sheet.
Nominal thickness of paint: 0.36 mm
Nominal total mass of panel: 12 kg/m²
Colour: grey

TEST PROCEDURE: Six samples were tested in accordance with Australian Standard 1530.3-1989, Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release.
For the test each sample was clamped to the specimen holder in four places.

OBSERVATION: Some flashing occurred during testing.

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)	-1.242	0.047

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	3

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: 28 November 1995

Issued on the 5th day of December without alterations or additions.

R Coll

for Z Trojko
Testing Officer

G E Collins

G E Collins for
Research Manager Fire Technology