

Certificate of Test

NE6694

REPORT No.: FNE10696

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

TRADE NAME: Preconstraint 502

SPONSOR: Serge Ferrari
 Zone Industrielle
 BP 54
 LA TOUR-DU-PIN CEDEX
 FRANCE

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as polyester yarn fabric coated with varnished PVC on both sides. The PVC contained flame retardant additives.

Nominal total thickness: 0.47 mm ± 10%
 Nominal total mass: 590 g/m² ± 5%
 Colour: white

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, 1999. For the test, each sample was held between two layers of square mesh having 0.8-mm dia. wires at approximately 13-mm centres over each face, and was clamped to the specimen holder in four places.

OBSERVATION: Some flashing occurred on the samples prior to ignition.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	3.4	0.3
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	46.5	4.2
Smoke Release ($\log_{10}D$)	-0.343	0.076

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)
17	0	1	6

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.

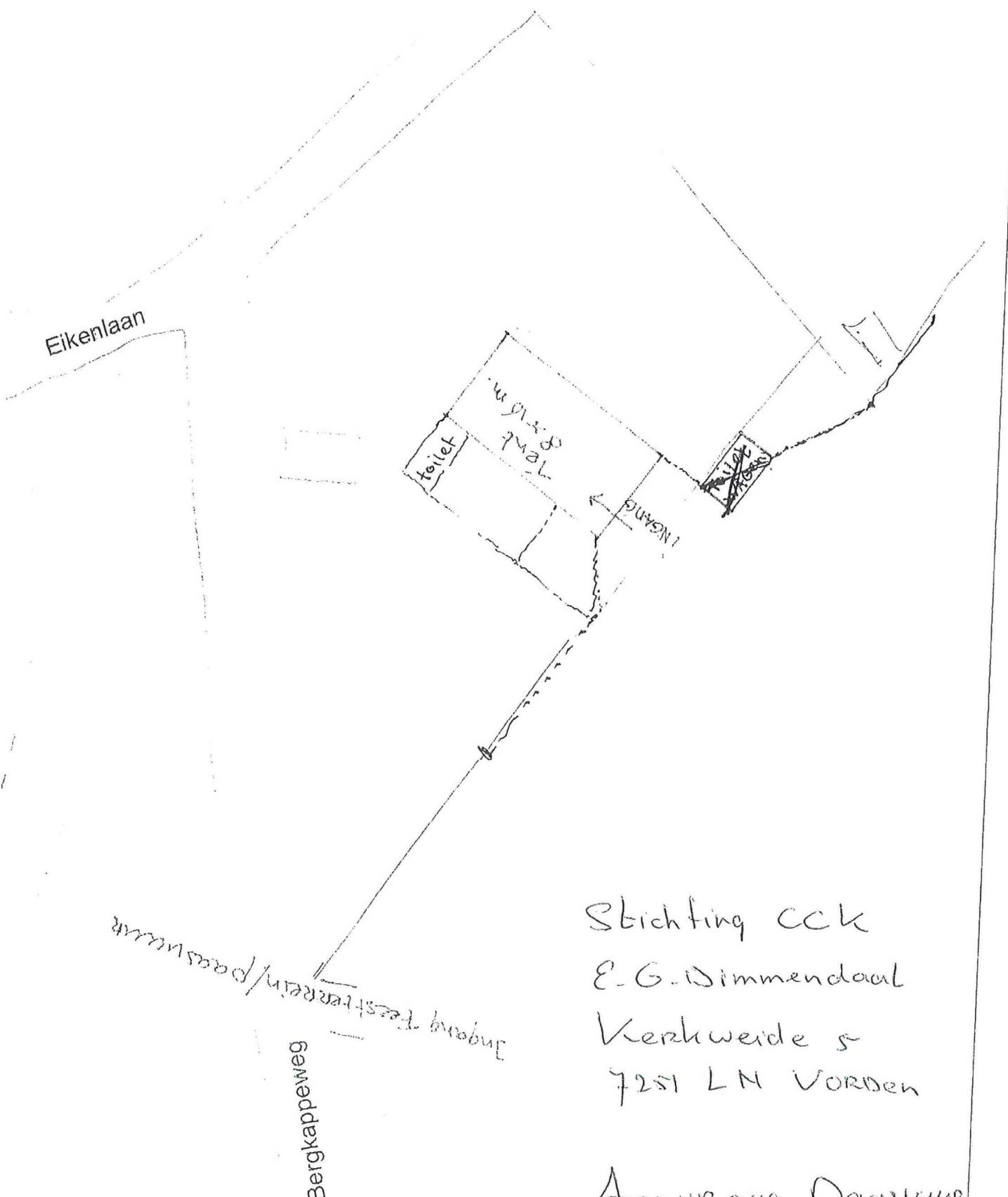
DATE OF TEST: 21 November 2012

Issued on the 10th day of December 2012 without alterations or additions.*Heherson Alarde*Heherson Alarde
Testing Officer*Garry E Collins*Garry E Collins
Manager, Fire Testing and Assessments

This document is issued in accordance with NATA's accreditation requirements.
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CSIRO Materials Science and Engineering
 14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
 Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555



Stichting CCK
E.G. Simmendaal
Verhweide 5
7251 LN Vorden

Aanvraag Paaluur

Stichting CCK
E.G. Dimmendaal
Kerkwerde 5
7251 LM Vorden

Aanvraag Paaswerk

Route
Kunrijproute
Kunrijpweg
Afslag
Snelweg
Afslag
Kunrijpweg

PARKEREN

Bergweg

