AERO

pigmented lightly buffed enhanced grain

A soft yet hard wearing Italian leather with slight correction to replicate full grain. With a high cutting yield and soft touch, our Aero range is perfect for high traffic areas for both commercial and residential projects.

TECHNICAL SPECIFICATIONS:

Horizontal burn test, wall + elevator	AS/NZS 3837
Soft furnishings burn test	AS.1530.30
Internal marine	IMO 652

Type	Pigmented Lightly Buffed Enhanced Grain
Size	4.5 - 5.0sqm approx.
Thickness	1.1 - 1.3mm
Country of origin	Italy
Application	Commercial, Residential + Internal Marine

CARE INSTRUCTIONS:
Protect from direct sunlight, excessive heat and sharp objects. Clean with a damp cloth and Ph neutral cleaner. Do not soak leather with excessive water. Take regular care of your leather by removing any dust with either a soft brushed vacuum cleaner or damp cloth. Avoid chemical polishes and soap. Polish with a dry cloth.

**please use images as guides, for true reference please request a sample **.


olive


cuvee

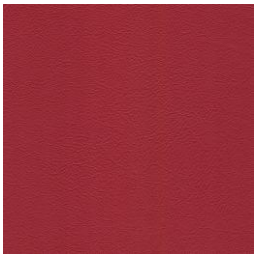

country road


driftwood


java two-tone


morocco


shanty


wild fire


talc

iceberg


chia


smoke


phantom


maldives


black magic

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400 Fax (03) 9371 2499

Group Number Assessment

(In accordance with AS 5637.1-2015)

This is to confirm that the product as described below has been tested by AWTA Product Testing .

Testing was performed in accordance with AS/NZS 3837-1998 Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter.

Test Sponsor : Leather Italia
Building D, 60 Perry Street
Matraville NSW 2036

Test Number : 18-002891
Issue Date : 12/06/2018
Print Date : 29/01/2019

Sponsor Product

Clients Ref : "Aero"
Leather
Colour : White
End Use : Upholstery, Wall Panelling
Nominal Composition : Pigmented leather
Nominal Thickness : 0.9 - 1.1mm

Product Group Number Classification :	1	
Average Specific Extinction Area :	15.9	m²/kg

Chris Campbell
Client Relations Manager

28007

TEST REPORT

Sample Description

Clients Ref : "Aero"
Leather
Colour : White
End Use : Upholstery, Wall Panelling
Nominal Composition : Pigmented leather
Nominal Thickness : 0.9 - 1.1mm

AS/NZS 3837-1998 Method of Test for Heat and Smoke Release Rates for Materials and Products using an Oxygen Consumption Calorimeter

Date Tested 09/06/2018

	Specimen 1	2	3	Mean	
Average Heat Release Rate	31.3	31.2	34.9	32.5	kW/m²
Average Specific extinction area	15.9	20.7	11.0	15.9	m²/kg

(according to Specification C1.10 of the Building Code of Australia)

Test orientation : Horizontal

	Specimen 1	2	3	Mean	
Irradiance	50	50	50	50	kW/m²
Exhaust flow rate	24	24	24	24	L/sec
Time to sustained flaming	38	42	37	39	sec
Test duration	640	496	536	557	sec
Peak heat release after ignition	94.4	106.8	87.9	96.4	kW/m²
Average heat at 60 s	79.4	74.4	71.0	74.9	kW/m²
Average heat at 180 s	57.6	50.9	55.1	54.5	kW/m²
Average heat at 300 s	45.4	37.6	45.9	43.0	kW/m²
Total heat released	19.0	14.2	17.5	16.9	MJ/m²
Average effective heat of combustion	7.1	5.8	8.0	7.0	MJ/kg
Initial thickness	7.5	7.5	7.5	7.5	mm
Initial mass	92.3	90.4	92.3	91.7	g
Mass remaining	70.4	70.4	74.2	71.7	g
Mass percentage pyrolysed	23.7	22.1	19.6	21.8	%
Mass loss	21.9	20.0	18.1	20.0	g
Average rate of mass loss	4.4	5.4	4.4	4.7	g/m².s

Additional Observations

Difficulties Encountered during Testing

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for assessment of performance under real fire conditions.

The results of these fire tests 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 the fire hazard under all fire conditions.

Samples were loose laid onto a substrate of 6mm thick cement sheeting prior to testing.

Tests were conducted with a wire grid placed over the sample during testing. This was done to contain intumescing sample within the sample holder.

28007

Accredited for compliance with ISO/IEC 17025 - Testing
- Chemical Testing : Accreditation No. 983
- Mechanical Testing : Accreditation No. 985
- Performance & Approvals Testing : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

0204/11/06

APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

TEST REPORT

Client : Leather Italia
Building D, 60 Perry Street
Matraville NSW 2036

Test Number : 18-002892
Issue Date : 8/06/2018
Print Date : 30/07/2019

Sample Description

Clients Ref : "Aero"
Leather
Colour : Blue,White
End Use : Upholstery, Wall Panelling
Nominal Composition : Pigmented leather
Nominal Mass per Unit Area/Density : 731g/m2
Nominal Thickness : 0.9 - 1.1mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures
Part 3: Simultaneous Determination of Ignitability,
Flame Propagation, Heat Release and Smoke Release

Face tested: Face
Date tested: 08/06/2018

	Standard Error	Mean	
Ignition time	0.21	6.09	min
Flame propagation time	Nil	Nil	sec
Heat release integral	1.7	70.2	kJ/m²
Smoke release, log d	0.0251	-1.0535	
Optical density, d		0.0892	/ metre

Number of specimens ignited:	6	
Number of specimens tested:	6	

Regulatory Indices:

Ignitability Index	14	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	2	Range 0-10
Smoke Developed Index	4	Range 0-10

These results only apply to the specimen mounted, as described in this report. The result 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.

The reaction of thin unsupported flexible materials to flame impingement can be assessed in accordance with AS 1530.2. Where materials of thickness less than 2mm that are sufficiently flexible to be bent by hand around a mandrel of 2mm diameter or less are subjected to the test described herein, they should also be subjected to the test in AS 1530.2.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Each test specimen was restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

To allow free movement of sample during testing all corners were folded away from the clamps.

28008

NATA

Accredited for compliance with ISO/IEC 17025 - Testing
- Chemical Testing : Accreditation No. 983
- Mechanical Testing : Accreditation No. 985
- Performance & Approvals Testing : Accreditation No. 1356

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AWTA LIMITED

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MANAGING DIRECTOR