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CERTIFICATE OF TEST

N.A.T.A. ACCREDITED LABORATORY 1720
PACKAGE PERFORMANCE TESTS

DATE OF ISSUE:	23/04/2021	REPORT NO:	8987
DATE OF EXPIRY:	23/04/2026		

PRODUCT TESTED: 20 kg Non-EPS seafood 2-piece flat pack, liner-less carton for the transport of seafood product by air.

SAMPLE SELECTION: Samples selected and identified by client or their agent

SPECIFICATIONS: Refer to pages 3 to 6 of this report

CLIENT: Cushionflute P/L F13, 6-12 Airlie Ave, Dandenong VIC., 3175

TEST(S) PERFORMED	SAMPLE IDENTIFICATION		RESULT
	SAMPLE NO	ORIENTATION	
<p><u>VERTICAL IMPACT TEST</u></p> <p>Two (2) samples, prepared as they would be used in transport, were subjected to an ambient environment condition. Each sample were filled to a respective gross mass of 10% more than the approximate weight and dropped in one of each orientation from a height of not less than 0.5 metres.</p> <p><i>Test Method: A.2.3.1 Vertical Impact Test in Seafood Air Transport Regulations 2015</i></p>	21-8987-01	Corner 2-3-5	PASS
		Edge 3-6	PASS
		Edge 3-4	PASS
	21-8987-02	Corner 2-3-5	PASS
		Edge 3-6	PASS
		Edge 3-4	PASS
<p><u>STACKING TEST</u></p> <p>Effective stack height of package = 265mm. Number in 3m equivalent stack 6-1=5. Three (3) samples, prepared to as they would be used in transport, were subjected to a superimposed test load of not less than 110kg per sample for 24 hours in an environment of ambient conditions.</p> <p><i>Test Method: A.2.3.2 Stacking Test in Seafood Air Transport Regulations 2015</i></p>	21-8987-01		PASS
	21-8987-02		PASS



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CERTIFICATE OF TEST...


N.A.T.A. ACCREDITED LABORATORY 1720
PACKAGE PERFORMANCE TESTS

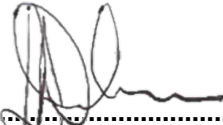
DATE OF ISSUE: 23/04/2021
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TEST(S) PERFORMED	SAMPLE IDENTIFICATION		RESULT
	SAMPLE NO.	ORIENTATION	
IMPACT TEST Two (2) samples, prepared as they would be used in transport, were subject to an ambient environment condition. A 40mm dart weighing 7kg is dropped from a height of 0.1m onto a 150mm diameter plastic disc of 12mm thickness on respective orientations in an empty sample which has been previously subjected to Vertical Impact, Stacking and Suspension Drop testing. Test Method: A.2.3.5 Impact Test in Seafood Air Transport Regulations 2015	21-8987-01	Base One end Lid	PASS PASS PASS
	21-8987-02	Base One end Lid	PASS PASS PASS
LEAKAGE TESTING Two (2) samples, prepared as they would be used in transport, were subject to an ambient environment conditions, on completion of the Vertical Drop, Stack, Suspension Drop and Impacts tests, the 2 samples are emptied and filled with water to 10% of the package's volume. The box shall be oriented at 45° to the horizontal along the most unfavorable edge. The sample is checked after 30 minutes for leakage of contents. Test Method: A.2.3.6 Leakage Test in Seafood Air Transport Regulations 2015	21-8987-01 21-8987-02		PASS PASS

The results of the performance tests reported on this certificate only relate to the packagings tested.
 The use of other packaging methods or components other than those documented in this report may render this certification invalid.

CHECKED: 

AUTHORISED SIGNATORY: 

Name of Signatory

JOHN DONKERS

SPECIFICATION FOR APPLICATION OF PACKAGING APPROVAL

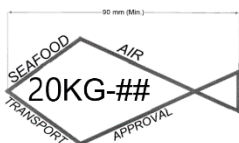
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PACKAGING DETAILS

Type: Plastics, box

Packaging Markings:



Where ## signifies the approval number from the competent authority.

Description: 20 kg Non-EPS seafood 2-piece flat pack, liner-less carton for the transport of seafood product by air.

Manufacturer: Cushionflute P/L F13, 6-12 Airlie Ave, Dandenong VIC., 3175

Manufacturer Product Code: CF2P20

SPECIFICATIONS

Max. Gross Mass: 20kg **Internal Dimensions:** 540(L) x 335(W) x 225mm (H)

Tare Mass: 1800g **External Dimensions:** 570(L) x 395(W) x 265mm (H)

Method and Materials of Construction (M.M.C.):

Non- EPS box M.M.C.: External – LDPE/LLDPE (CoEx Blended)
Internal – PP (Homo & Copolymer Blended)

Packaging configuration and closing method:

As per Seafood Air Transport Regulations 2015
End wall 1 and 2 are lifted until vertical, Reinforcing Side wall 3 is lifted and tucked, Reinforcing Side wall 4 is lifted and Reinforcing Base 5 is tucked to lock in the completed construct. Refer to drawing below.

PROPOSED USE

Transport of seafood – dangerous goods and gross mass no greater than 20kg

SPECIFICATION FOR APPLICATION OF PACKAGING APPROVAL...

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SPECIAL REQUIREMENTS Nil.

TESTING

Testing Organisation: Falcon Test Engineers

Test Report(s) Attached: 8987

Approval Issued To: Cushionflute P/L F13, 6-12 Airlie Ave, Dandenong VIC., 3175

APPLICANT DETAILS

Name: Falcon Test Engineers

Address: P.O. Box 4000, Dandenong South, VIC., 3164, Australia

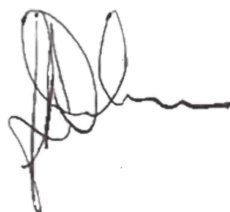
Contact Person: John Donkers

Tel: (03) 9706 7758

Fax: (03) 9706 7593

Intl. Tel.: +61 3 9706 7758

Signature:



Date: 23/04/2021

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PHOTOGRAPHS



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DRAWING:

