



# ECB HULL Type Certificate

Certificate Number – 05-11-0824 –

European Certification Bureau Nederland BV, Notified Body number –0614–  
herewith declares the product described below

Product name **Fusion 40-Kit**  
Product description Partly completed composite infusion moulded Lower Hull, Hull Topsides, Deck, Bulkheads, Tank Liner and Internal Mouldings for a 40' catamaran.

Company name **Fusion Catamarans Pty Ltd**  
Company address 11 Garema street  
Cannonvale QLD 4802  
Australia.

to comply with the relevant Essential Requirements of Annex 1-a regarding design and construction of the European Recreational Craft Directive 94/25/EC as amended by 2003/44/EC of June 16 2003

The product as tested has been found to comply with the relevant parts of ISO standards and normative documents as listed in Annex II

Basis of assessment See Annex I  
Design category **A** as described in the Directive  
Certification module **ECB type approval**

Issue date 29 November 2005

**This certificate remains property of ECB Nederland BV and remains valid unless cancelled or revoked, provided the conditions of the certification contract remain to be complied with and the certified product is not modified.**

This Certificate consists of 3 pages

**For ECB Nederland BV,**

Signature

Name  
Function

P.A. van der Weide  
Senior Executive

EUROPEAN CERTIFICATION BUREAU NEDERLAND B.V.

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CERTIFICATE



# ANNEX I

## Annex to Certificate Number – 05-11-0824 –

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### Main particulars of Certified product

Lh:	Length of hull (ISO 8666)	:	11.71	[m]
Bh:	Beam of hull (ISO 8666)	:	1.75	[m]
B <sub>max</sub> :	Maximum Beam (ISO 8666)	:	7.2	[m]
T:	Maximum draft fully loaded	:	1.14	[m]
Δ:	Displacement fully loaded	:	7600	[kg]
Vs:	Maximum speed	:	16	[kn]
P:	Maximum engine power	:	38	[kW]
Sa:	Projected sail area	:	97	[m <sup>2</sup> ]

### Tank capacities of integral tanks

Total fuel tank capacity	:	400	[ltr]
Total fresh water tank capacity	:	600	[ltr]
Total grey water tank capacity	:	60	[ltr]
Total black water tank capacity	:	60	[ltr]

### The Certified product has been assessed on basis of the following

Documentation as in ECB file: FUC-1158 and described in final report no. 3.051116  
Construction and Design plans, as detailed in Technical Documentation.  
Prototype as inspected 11...14-04-2005 and 14...15-06-2005  
Technical Documentation, as kept by producer.

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For ECB Nederland BV,

  
Signature

Name P.A. van der Weide  
Function Senior Executive

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# ANNEX II

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Australia.

<b>Essential requirements</b> The product is found to comply with relevant parts of ISO standards and normative documents as listed. ref. to relevant article in Annex 1 of the Directive	Harmonised standards used	ISO-standards used	Other normative document used	See the technical file
Integrity and structural requirements (3)	---	---	ABS ORY '94	---
Structure (3.1)	---	---	ABS ORY '94	---
Structure (3.1)	EN ISO 12215-4	---	---	---

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