

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-5:2016

Classification no.	2019-Efectis-R001491
Sponsor	Arundo Reed Europe Waalbandijk 92 6669 ME DODEWAARD THE NETHERLANDS
Product name	Java/Bali HDPE Virothatch
Prepared by	Efectis Nederland BV
Notified body no.	1234
Author(s)	R.J.Y. Staal B.Sc. C.C.M. Steinhage B.Sc. A.J. Lock
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Number of pages	4

1. INTRODUCTION

This classification report defines the classification assigned to **Java/Bali HDPE Virothatch** in accordance with the procedures given in EN 13501-5:2016.

2. DETAILS OF CLASSIFIED PRODUCT

2.1 GENERAL

The product, **Java/Bali HDPE Virothatch**, is defined as a a roof covering.

2.2 MANUFACTURER

PT. POLYMINDO PERMATA
KOMP. KEDOYA ELOP PLAZA BLOK DC NO.54
KEDOYA SELATAN, KEBON JERUK, JARKARTA BARAT
DKI JAKARTA, 11520, INDONESIA

2.3 PRODUCT DESCRIPTION

Product description:

Synthetic thatch made of High Density polyethylene

3. STANDARDS, REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1 APPLICABLE (PRODUCT) STANDARDS

CEN/TS 1187:2012 Test methods for external fire exposure to roofs

NEN 6063:2007 Test method for external fire exposure to roofs

3.2 REPORTS

Name of Laboratories	Name of sponsor	Report ref. no.	Test method
Efectis Nederland BV THE NETHERLANDS	Arundo Reed BV THE NETHERLANDS	2019-Efectis-R001490	CEN/TS 1187:2012

3.3 TEST RESULTS

Test method
Roof pitch

CEN/TS 1187, Test 1: Method with burning brands
45°

Parameter	Test result				Classification parameter
	1	2	3	4	
Flame spread: [m:s] - Internal, upwards - 100 mm - 300 mm - 500 mm - 700 mm	-	-	-	-	Not Reached
- External, upwards [m:s] - 100 mm - 300 mm - 500 mm - 700 mm	-	-	04:00	06:00	Not Reached
- Internal, downwards [m:s] - 100 mm - 300 mm - 500 mm - 600 mm	-	-	-	-	Not Reached
- External, downwards [m:s] - 100 mm - 300 mm - 500 mm - 600 mm	-	-	-	-	Not Reached
Maximum burned length: 80 cm - Internal: - Upwards [cm] - Downwards [cm] - External: - Upwards [cm] - Downwards [cm]	- - - - -	- - - - -	- - - - -	- - - - -	Not Reached Not Reached
Lateral flame spread to edges (Y/N)	N	N	N	N	Not Reached
Burning droplets/debris falling from exposed side (Y/N)	N	N	N	N	Compliant
Burning/glowing particles Penetrating the roof (Y/N)	N	N	N	N	Compliant
Size of through openings: [mm ²] - one single opening < 25 mm ² - sum of all openings < 4500 mm ²	- -	- -	- -	- -	Compliant Compliant
Time of extinguishing of flames [m:s]	30:00	19:00	16:00	12:00	
Time of termination of tests [m:s]	45:00	30:00	30:00	30:00	

CLASSIFICATION AND FIELD OF APPLICATION

3.4 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 9 of EN 13501-5:2016.

3.5 CLASSIFICATION

The product, **Java/Bali HDPE Virothatch**, in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: B_{ROOF} (t1)

3.6 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Roof pitch	≥ 20°
Supporting deck	CEN/TS 1187, par. 4.4.2.2.b Wood particle board deck, not fire retardant treated

3.7 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

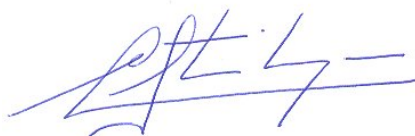
There are no limitations in time on the validity of this report.

4. LIMITATIONS

This classification document does not represent type approval or certification of the product.



R.J.Y. Staal B.Sc.
Junior Project leader reaction to fire



C.C.M. Steinhage B.Sc.
Project leader reaction to fire



A.J. Lock
Project leader reaction to fire