

# Reaction to Fire Classification Report

|                        |                            |                      |   |
|------------------------|----------------------------|----------------------|---|
| <b>Name of client:</b> | Kvadrat A/S                |                      |   |
| <b>Product name:</b>   | Noon 182 100% polyester FR |                      |   |
| <b>File no.:</b>       | PCA10789A                  |                      |   |
| <b>Date:</b>           | 2022-09-01                 | <b>Revision no.:</b> | 1 |
| <b>Pages:</b>          | 4                          | <b>Encl.:</b>        | 0 |
| <b>Ref:</b>            | JAG / MPA                  |                      |   |

**Client information**

Client: Kvadrat A/S  
Address: Lundbergsvej 10  
DK-8400 Ebeltøft  
Denmark

The results relate only to the items tested. The report should only be reproduced in extenso - in extracts only with a written agreement with this institute.

| Revision chronology |            |  |        |          |
|---------------------|------------|--|--------|----------|
| Rev. no.            | Date       | Description  | Author | Approved |
| 0                   | 2022-03-04 |  | JAG    | MPA      |
| 1                   | 2022-09-01 | Corrected unit from 65 kg/m <sup>2</sup> to 65 g/m <sup>2</sup> in section 2.2 | JAG    | MPA      |

## 1. Introduction

This classification report defines the classification assigned to the product group "Noon 182 100% polyester FR" in accordance with the procedures given in EN 13501-1:2018.

## 2. Details of classified product

### 2.1 General

The product group "Noon 182 100% polyester FR" is defined as curtain fabric.

### 2.2 Product description

The product "Noon 182 100% polyester FR" is a grey coloured fabric made of 100% Fire retardant polyester with a weight per unit area: 65 g/m<sup>2</sup> and a thickness of approx. 0.16 mm.

Further product specifications are known to DBI - Danish Institute of Fire and Security Technology and are filed under the file number below.

## 3. Reports and results in support of this classification

### 3.1 Reports

| Name of laboratory | Name of client | Report ref. No | Test method<br>Field of application rules | Date                     |
|--------------------|----------------|----------------|---|--------------------------|
| DBI                | Kvadrat A/S    | PFA11880A      | EN ISO 11925-2<br>EN 13823                | 2022-02-04<br>2022-02-16 |

### 3.2 Results

| Test methods   | Parameter                                | Number of tests <sup>a</sup> | Results                       |                            |
|--|--|------------------------------|-------------------------------|----------------------------|
|  |  |                              | Continuous parameter mean (m) | Compliance with parameters |
| EN 13823   | FIGRA <sub>0.2 MJ</sub> (W/s)            | 3                            | 0                             | (-)                        |
|  | FIGRA <sub>0.4 MJ</sub> (W/s)            | 3                            | 0                             | (-)                        |
|  | THR <sub>600s</sub> (MJ)                 | 3                            | 0.2                           | (-)                        |
|  | SMOGRA (m <sup>2</sup> /s <sup>2</sup> ) | 3                            | 0                             | (-)                        |
|  | TSP <sub>600s</sub> (m <sup>2</sup> )    | 3                            | 0                             | (-)                        |
|  | LFS < edge                               | 3                            | (-)                           | Y                          |
|  | FDP <sub>f≤10s</sub>                     | 3                            | (-)                           | Y                          |
|  | FDP <sub>f&gt;10s</sub>                  | 3                            | (-)                           | Y                          |
| EN ISO 11925-2<br>Surface flame attack,<br>30 s exposure                         | F <sub>s</sub> ≤ 150 mm within 60 s.     | 6                            | (-)                           | Y                          |
|  | No ignition of filter paper              | 6                            | (-)                           | Y                          |
| Edge flame attack,<br>30 s exposure  | F <sub>s</sub> ≤ 150 mm within 60 s.     | 6                            | (-)                           | Y                          |
|  | No ignition of filter paper              | 6                            | (-)                           | Y                          |
| <sup>a</sup> Not for extended application<br>Y "Compliant"<br>(-) not applicable |  |                              |                               |                            |

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with clause 11.6, 11.9 and 11.10 of EN 13501-1:2018.

Classification

The product "Noon 182 100% polyester FR" in relation to its reaction to fire behaviour is classified: B

The additional classification in relation to smoke production is: s1

The additional classification in relation to flaming droplets/particles is: d0

### Reaction to fire classification:

**B-s1,d0**

##### 4.2 Field of application

This classification is valid for the following end use conditions:

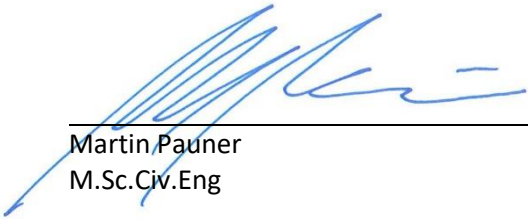
- Free hanging.

This classification is also valid for the following product parameters:

- No changes from tested product described in section 2.2 allowed

#### 5. Limitations

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



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# Reaction to Fire Classification Report

Balboa by Sacho



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**Client:** Kvadrat A/S  
**File no.:** PCA10580A  
**Date:** 2019-09-04  
**Pages:** 5 **Encl.:** 1  
**Ref:** MPA / JAG

## Client information

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Address: Lundbergsvej 10  
DK-8400 Ebeltoft  
Denmark

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## 1. Introduction

This classification report defines the classification assigned to the product "Balboa by Sacho" in accordance with the procedures given in EN 13501-1:2018.

## 2. Details of classified product

### 2.1 General

The product "Balboa by Sacho" is defined as a curtain.

### 2.2 Product description

The product "Balboa by Sacho" is made of 100 % polyester with a fire retardant. See label in enclosure 1.

## 3. Reports and results in support of this classification

### 3.1 Reports

| Name of laboratory | Name of client | Report ref. No | Test method<br>Field of application<br>rules | Date                        |
|--------------------|----------------|----------------|--|-----------------------------|
| DBI                | Kvadrat A/S    | PFA11384A      | EN 13823<br>EN ISO 11925-2                   | 2019-08-12/15<br>2019-07-26 |

### 3.2 Results

| Test methods                        | Parameter                            | Number of tests <sup>a</sup> | Results                       |                            |
|-------------------------------------|--------------------------------------|------------------------------|-------------------------------|----------------------------|
|                                     |                                      |                              | Continuous parameter mean (m) | Compliance with parameters |
| EN 13823                            | FIGRA <sub>0.2 MJ</sub> (W/s)        | 3                            | 2                             | (-)                        |
|                                     | FIGRA <sub>0.4 MJ</sub> (W/s)        | 3                            | 2                             | (-)                        |
|                                     | THR <sub>600s</sub> (MJ)             | 3                            | 0.1                           | (-)                        |
|                                     | SMOGRA (m²/s²)                       | 3                            | 1                             | (-)                        |
|                                     | TSP <sub>600s</sub> (m²)             | 3                            | 30                            | (-)                        |
|                                     | LFS < edge                           | 3                            | (-)                           | Y                          |
|                                     | FDP <sub>f≤10s</sub>                 | 3                            | (-)                           | Y                          |
|                                     | FDP <sub>f&gt;10s</sub>              | 3                            | (-)                           | Y                          |
| EN ISO 11925-2                      |                                      |                              |                               |                            |
| Surface flame attack, 30 s exposure | F <sub>s</sub> ≤ 150 mm within 60 s. | 6                            | (-)                           | Y                          |
|                                     | No ignition of filter paper          | 6                            | (-)                           | Y                          |
| Edge flame attack, 30 s exposure    | F <sub>s</sub> ≤ 150 mm within 60 s. | 6                            | (-)                           | Y                          |
|                                     | No ignition of filter paper          | 6                            | (-)                           | Y                          |
| a Not for extended application      |                                      |                              |                               |                            |
| Y "Compliant"                       |                                      |                              |                               |                            |
| (-) not applicable                  |                                      |                              |                               |                            |

## 4. Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with clause 11.6, 11.9 and 11.10 of EN 13501-1:2018.

### 4.2 Classification

The product "Balboa by Sacho" in relation to its reaction to fire behavior is classified: B

The additional classification in relation to smoke production is: s1

The additional classification in relation to flaming droplets/particles is: d0



## Reaction to fire classification:

### **B-s1,d0**

#### **4.3 Field of application**

The classification is valid for the following end use conditions:

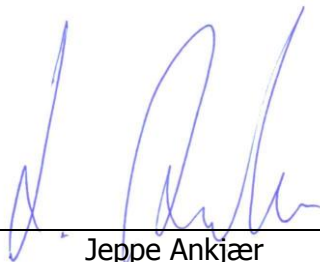
- Free hanging

The classification is valid for the following product parameters:

- No allowance from tested product

#### **5. Limitations**

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



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**Order** 3367860  
**Pick** PR1867343  
**Date** 20.06.2019  
**Delivery** SA-UPSst-F  
**Fabric** 600187 Balboa 002  
**Brand** Sahco  
**Width** 1,40 m **Length** 18,80 m  
**Batch**



SAHUPH0012146

**Label**  
**Shrinking** 0%  
100% polyester FR



Flame Resistant

