DNV·GL

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
**MEDB0000056**
Revision No:
**7**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

## This is to certify:

**That the Upholstered furniture**

with type designation(s)
**Wool/PA, Wool/PA/Lycra, Wool/PA/Lycra/PES, Wool/Ramie, Wool/Viscose, Wool/Viscose/PA, Wool/Lycra/Viscose, Trevira CS**

Issued to
**AB Ludvig Svensson**
**Kinna, Sweden**

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
**item No. MED/3.20 and Annex B, Module B in the Directive SOLAS 74 as amended, Regulation II-2/3, II-2/5, II-2/9 & X/3, 2000 HSC Code 7 and IMO 2010 FTP Code**

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2019-05-06**.

Issued at **Høvik** on **2018-05-28**

DNV GL local station:
**Gothenburg**

Approval Engineer:
**Tessa Biever**

Notified Body
No.: **0575**

for **DNV GL AS**
Digitally Signed By: Hoff, Øyvind
Location: DNV GL Høvik, Norway
on behalf of

**Roald Vårheim**
**Head of Notified Body**

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

NORWEGIAN ACCREDITATION PROD 019

## Product description

Wool/PA, Wool/PA/Lycra, Wool/PA/Lycra/PES, Wool/Ramie, Wool/Viscose, Wool/Viscose/PA, Wool/Lycra/Viscose, Trevira CS.

Products as given in the appendix to this certificate.

## Application/Limitation

Approved for use throughout the accommodation as upholstered fabrics. Other trade names than above are accepted provided the product is within the limitations given above for composition and density.

Products tested on standard non-FR polyurethane foam of density 22 kg/m$^3$:
Approved with standard non-FR polyurethane foam filling material type of density 22 kg/m$^3$. Same type foam with higher density may also be used as filling material.

Products not tested on standard non-FR polyurethane foam of density 22 kg/m$^3$:
Approved with foam filling material of type and density as specified in table in the appendix to this certificate.

Each product is to be supplied with its manual for installation, use and maintenance.

## Type Examination documentation

Test reports: See appendix.

## Tests carried out

Tested according to IMO FTPC Part 8 and in compliance with IMO 2010 FTP Code Ch. 8 and according to IMO 2010 FTP Code part 8.

## Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, the MED Mark of Conformity and USCG Approval Number if applicable (see first page).

## APPENDIX
## to EC Type – Examination Certificate MEDB0000056 – Rev.7

### Product description

| Product name | Weight ($g/m^2$) | Composition | Foam used during test |
|---|---|---|---|
| Ad On | 320 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Anemon | 345 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Anime | 478 | 92 % Wool<br>8 % Polyamide | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Arabescue | 450 | 80 % Wool<br>20 % Polyamide | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Arkiv | 420 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Astrakan | 315 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Balance | 550 | 82% Wool<br>6% Polyamide<br>12% Ramie | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Barock | 580 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Bas | 483 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Bike | 380 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Bit | 440 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Bloom | 570 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Blue | 370 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Bok | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Box | 513 | 100% Trevira CS | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Brink | 325 | 85 % Wool<br>15 % Polyamide | Polyurethane foam with density 70 $kg/m^3$ |
| Bubbles | 345 | 85 % Wool<br>15 % Polyamide | high resilient polyurethane foam, density 35 $kg/m^3$ |
| Cent | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Chromatic | 330 | 85 % Wool<br>15 % Polyamide | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Cinder | 370 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Corall | 470 | 100% Trevira CS | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Cross | 443 | 92 % Wool<br>8 % Polyamide | FR Polyurethane HR-foam with density 32 $kg/m^3$ |
| Defense | 327 | 85% Wool<br>15% PA | Tested without upholstery |
| Dia | 390 | 85 % Wool | Standard non-FR polyurethane foam, |

| Product name | Weight ($g/m^2$) | Composition | Foam used during test |
|---|---|---|---|
| | | 15 % Polyamide | density 20-22 $kg/m^3$ |
| Duo | 370 | 80 % Wool<br>20 % Polyester | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Dog Tooth | 493 | 92 % Wool<br>8 % Polyamide | high resilient polyurethane foam,<br>density 35 $kg/m^3$ |
| Dotcom | 497 | 100% Trevira CS | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Era | 270 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Etage | 406 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Fashion | 260 | 85 % Wool<br>15 % Polyamide | high resilient polyurethane foam,<br>density 35 $kg/m^3$ |
| Felt | 534 | 100 % Wool | Non FR Polyether foam type RP21140 with<br>density 30 $kg/m^3$ |
| Flex | 400 | 98 % Wool, 1 % Lycra,<br>1 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Front | 327 | 85% Wool, 8%PA,<br>4% PES, 3% Lycra | T3040F 30 $kg/m^3$ |
| Front 2 | 300 | 83 % Wool<br>15 % Polyamide<br>2% Lycra | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Grand Pix | 350 | 85 % Wool<br>15 % Polyamide | high resilient polyurethane foam,<br>density 35 $kg/m^3$ |
| Happy | 430 | 100% Trevira CS | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Harper | 365 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Hill | 503 | 85% Wool, 12PA,<br>1% PES, 2% Lycra | Standard PU Foam 22 $kg/m^3$ |
| Iconic | 360 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Infra | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Ink | 330 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam,<br>density 20-22 $kg/m^3$ |
| Ink Smutsavvisande | 330 | 85 % Wool, 15 % Polyamide | CMHR foam, density 35 $kg/m^3$ |
| Intro | 440 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Juno | 420 | 100% Trevira CS | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Kajal | 350 | 85 % Wool<br>15 % Pa | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Kalahari | 326 | 85 % Wool<br>15 % Polyamide | Tested without upholstery |
| Kalligrafi | 310 | 92 % Wool<br>8 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Key | 485 | 100% Trevira CS | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Key Aquastop | 500 | 89% Trevira CS<br>11% Polyurethane | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Khaki | 360 | 100% Trevira CS | High resilient polyurethane foam, |

| Product name | Weight ($g/m^2$) | Composition | Foam used during test |
|---|---|---|---|
| | | | density 35 $kg/m^3$ |
| Khaki Aquastop | 420 | 89% Trevira CS<br>11% Polyurethane | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Kit | 460 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Layer | 320 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Leaf | 340 | 85 % Wool<br>15 % Polyamide | high resilient polyurethane foam,<br>density 35 $kg/m^3$ |
| Link | 360 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Lux | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Magna | 370 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Markelius | 275 | 85 % Wool<br>15 % Polyamide | CMHR foam, density 40 $kg/m^3$ |
| Marrakesh | 300 | 85 % Wool, 8 % PA,<br>4 % Lycra, 3 % PES | Standard non-FR polyurethane foam,<br>density 20-22 $kg/m^3$ |
| Meander | 490 | 92 % Wool<br>8 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Metropolis | 340 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Miami | 540 | 100% Trevira CS | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Mingel | 465 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Mira | 460 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Moss | 465 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam,<br>density 20-22 $kg/m^3$ |
| Myr | 320 | 89 % Wool<br>11 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Myr Smutsavvisande | 320 | 89 % Wool, 11 %<br>Polyamide | CMHR foam, density 35 $kg/m^3$ |
| Nest | 350 | Wool 85%<br>Polyamid 15% | Standard non-FR polyurethane foam,<br>density 20-22 $kg/m^3$ |
| No:5 | 330 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam,<br>22 $kg/m^3$ |
| Plain | 440 | 100% Trevira CS | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Piccolo | 520 | 94 % Wool<br>6 % Polyamide | High resilient polyurethane foam,<br>density 35 $kg/m^3$ |
| Pix | 350 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Pocket | 460 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Pole | 415 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Pop | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Poppy | 355 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Puntino | 415 | 88 % Wool | High resilient polyurethane foam, |

| Product name | Weight ($g/m^2$) | Composition | Foam used during test |
|---|---|---|---|
| | | 12 % Polyamide | density 35 $kg/m^3$ |
| Pure | 405 | 72 % Wool<br>20 % Viscose<br>8 % Polyamide | Standard non-FR polyurethane foam,<br>density 20-22 $kg/m^3$ |
| Quadrato | 345 | 85 % Wool<br>15 % Polyamide | High resilient polyurethane foam,<br>density 35 $kg/m^3$ |
| Rami | 600 | 80% Wool<br>20% Ramie | Standard non-FR polyurethane foam,<br>density 20-22 $kg/m^3$ |
| Rami+ | 600 | 80% Wool<br>20% Ramie | Standard non-FR polyurethane foam,<br>density 20-22 $kg/m^3$ |
| Raw | 720 | 86 % Wool<br>14 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Retro | 455 | 80 % Wool, 12 %<br>Viscose,<br>8 % Polyamide | High resilient polyurethane foam,<br>35 $kg/m^3$ |
| Riff | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| River | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Rock | 290 | Wool 85%<br>Polyamid 15% | CMHR foam, 35 $kg/m^3$ |
| Ruby | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Semi | 330 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Serie | 300 | 81 % Wool<br>19 % Polyester | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Serif | 370 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Shanghai | 300 | 85 % Wool<br>15 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Silk | 350 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Singel | 570 | 85% wool<br>15% PA | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Skåne Pil | 570 | 89 % Wool, 11 %<br>Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Skåne Bas | 560 | 89 % Wool, 11 %<br>Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Snowball | 540 | 80 % Wool, 13 %<br>Viscose,<br>7 % Polyamide | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Soft/Mill | 410 | 75 % Wool<br>25 % Viscose | Standard non-FR polyurethane foam,<br>density 22 $kg/m^3$ |
| Solo | 330 | 85 % Wool<br>15 % Polyamide | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Stena Rand | 460 | 92 % Wool | High resilient polyurethane foam, |

| Product name | Weight ($g/m^2$) | Composition | Foam used during test |
|---|---|---|---|
| | | 8 % Polyamide | density 35 $kg/m^3$ |
| Step | 410 | 75 % Wool<br>25 % Viscose | High resilient polyurethane foam, density 35 $kg/m^3$ |
| Sushi Big | 671 | 88 % Wool<br>12 % Polyamide | Standard non-FR polyurethane foam, 22 $kg/m^3$ |
| Sushi Small | 671 | 88 % Wool<br>12 % Polyamide | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Stockholm Mini TCS | 570 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Tableau | 380 | 98 % Wool<br>2 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Taxi | 503 | 100% Trevira CS | CM foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Tight | 605 | 95 % Wool, 1 % Lycra,<br>4 % Polyamide | Standard non-FR polyurethane foam, density 22 $kg/m^3$ |
| Ting | 470 | 100% Trevira CS | High resilient polyurethane foam, density 35 $kg/m^3$ |
| Unit | 460 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Uno | 421 | 85 % Wool, 12 % PA, 3% Lycra | Standard PU Foam 22 $kg/m^3$ |
| Vejde | 421 | 46% Wool, 43 % Cotton, 8 % PA, 3% Lycra | Tested without upholstery |
| Vy | 300 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Wallpaper | 335 | 85 % Wool<br>15 % Polyamide | High resilient polyurethane foam, density 35 $kg/m^3$ |
| Wave | 320 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Wit | 320 | 85 % Wool<br>15 % Polyamide | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |
| Woton | 350 | 85 % Wool, 15 % Polyamide | CMHR foam, density 40 kg/m3 |
| Yra | 450 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ |
| Zoom | 400 | 100% Trevira CS | CMHR foam, 35 $kg/m^3$ (Carpenters RX36-125) |

## Type Examination documentation

Basis of approval:

- Test report No 2700604A/06/06 (**Anemon**) dated 20 June 2006 from BTTG Fire Technology Services.
- Test report No. 2701115B/10/07 (**Arabescue**) dated 23 October 2007 from BTTG Fire Technology Services.
- Test report No. 2700780/11/06 (**Bubbles**) dated 20 November 2006 from BTTG Fire Technology Services.
- Test report No 2700604C/06/06 (**Flex**) dated 20 June 2006 from BTTG Fire Technology Services.
- Test report No. 2701610A/03/09 (**Leaf**) dated 23 March 2009 from BTTG Fire Technology Services.
- Test report No. UP0520.0181 (**Markelius**) dated 5 April 2005 from IFP Research.

- Test report No. 2701369/07/08 (**Metropolis**) dated 25 July 2008 from BTTG Fire Technology Services.
- Test report No. 2701394B/08/08 (**Piccolo**) dated 26 August 2008 from BTTG Fire Technology Services.
- Test report No. 2701395/08/08 (**Puntino**) dated 21 August 2008 from BTTG Fire Technology Services.
- Test report No. 2701393/08/08 (**Quadrato**) dated 20 August 2008 from BTTG Fire Technology Services.
- Test report No. 2701115C/10/07 (**Snowball**) dated 23 October 2007 from BTTG Fire Technology Services.
- Test report No. 2701115A/10/07 (**Soft/Mill**) dated 23 October 2007 from BTTG Fire Technology Services.
- Test report No.2700604B/06/06 (**Tight**) dated 20 June 2006 from BTTG Fire Technology Services.
- Test report No. UP0520.0181 (**Woton**) dated 5 April 2005 from IFP Research.
- Test report No. 2701867B/12/09 (**Retro**) dated 13 January 2010 from BTTG Fire Technology Services.
- Test report No. 27/01981A/5/10 (**Fashion**) dated 9 June 2010 from BTTG Fire Technology Services.
- Test report No. 2702071B/08/10 (**Step**) dated 9 September 2010 from BTTG Fire Technology Services.
- Test report No. 2702101A/10/10 (**Wallpaper**) dated 28 October 2010 from BTTG Fire Technology Services.
- Test Report No. 2008-1967 (**Front**) dated 4 November 2008 from Warrington Brandhaus, Germany.
- Test Report No. 2008-1941 (**Hill**) dated 28 October 2008 from Warrington Brandhaus, Germany.
- Test Report No. 2008-1942 (**Uno**) dated 28 October 2008 from Warrington Brandhaus, Germany.
- Test Report No. 2008-1074 (**Kalahari**) dated 29 January 2008 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 2007-1972 (**Defense**) dated 9 January 2008 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 45525-01(**Rami**) dated 31 January 2011 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 44684 (**Ink**) dated 30 September 2010 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 45506 (**Marrakesh**) dated 31 January 2011 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test report No. 48574-01(**Moss**) dated 22 November 2011 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test report No. 27/02459B/02/12 (**Cross**) dated 1 March 2012 from BTTG Fire Technology Services, Leeds, England.
- Test report No. 2702363/09/11 (**Dog Tooth**) dated 10 October 2011 from BTTG Fire Technology Services, Leeds, England.
- Test report No. 304253 issue 1 (**Europost=Felt**) dated 14 February 2011 from Exova Warringtonfire, Warrington, UK.
- Test report No. 27/02459C/02/12 (**Anime**) dated 1 March 2012 from BTTG Fire Technology Services, Leeds, England.
- Test report No. 27/02459D/02/12 (**Kalligrafi**) dated 1 March 2012 from BTTG Fire Technology Services, Leeds, England.
- Test report No. 27/02459A/02/12 (**Meander**) dated 1 March 2012 from BTTG Fire Technology Services, Leeds, England.
- Test report No. 2702187/02/11 (**Sushi)**) dated 17 February 2011 from BTTG Fire Technology Services, Leeds, England.
- Test report No. 2701771/08/09 (**Grand Pix/Pix=Grand Pix**) dated 26 August 2009 from BTTG Fire Technology Services, Leeds, England.
- Test report No. 2702508A/04/12 (**Pix**) dated 18 April 2012 from BTTG Fire Technology Services, Leeds, England.
- Test report No. IBR/Z-033-2012, signature no. TZ/FTP-8a/132/2012 (**Brink**) dated 20 April 2012 from Faculty of Maritime Technology and Transport, Department of Ship Safety Engineering, Szczecin, Poland.

- Test Report No. 2702531A/05/12 (**Astrakan**) dated 2 July 2012 from BTTG Fire Technology Services, Leeds, England.
- Test Report No. 2702538A/05/12 (**Raw**) dated 2 July 2012 from BTTG Fire Technology Services, Leeds, England.
- Test Report No. 2702585B/07/12 (**Shanghai**) dated 23 July 2012 from BTTG Fire Technology Services, Leeds, England.
- Test Report No. 27/03101M/04/14 (**Corall**) dated 1 May 2014 from BTTG Fire Technology Services, Leeds, UK.
- Test Report No. 27/03101L/04/14 (**Miami**) dated 1 May 2014 from BTTG Fire Technology Services, Leeds, UK.
- Test Report No. 27/02753/02/13 (**Myr**) dated 6 March 2013 from BTTG Fire Technology Services, Leeds, UK.
- Test report No. 56347-02 (**Rami+**) dated 31 January 2013 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test report No. 62273-02 (**Solo**) dated 1 November 2013 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 27/02361/09/11 (**Stena Rand**) dated 6 October 2011 from BTTG Fire Technology Services, Leeds, UK.
- Test Report No. 2702677B/11/12 (**Ting**) dated 26 November 2012 from BTTG Fire Technology Services, Leeds, UK.
- Test Report No. 2702680C/11/12 (**No:5**) dated 26 November 2012 from BTTG Fire Technology Services, Leeds, UK.
- Test Report No. 67032 (Amended) (**Skåne Pil**) dated 27 October 2014 from West Yorkshire Material Testing Service, UK.
- Test Report No. 67033 (Amended) (**Skåne Bas**) dated 27 October 2014 from West Yorkshire Material Testing Service, UK.
- Test Report No. 27/03130/04/14 (**Khaki**) dated 22 May 2014 from BTTG Fire Technology Services, Leeds, UK.
- Test Report No. 4P06503-1rev1 (**Ink Smutsavvisande**) dated 16 October 2014 from SP, Sweden.
- Test Report No. 4P06503rev1 (**Myr Smutsavvisande**) dated 16 October 2014 from SP, Sweden.
- Test Report No. 69846 (**Barock**) dated 2 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69847 (**Bas**) dated 2 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69848 (**Bike**) dated 2 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69849 (**Bit**) dated 2 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69850 (**Box**) dated 1 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 65916-01 (**Chromatic**) dated 16 July 2014 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69852 (**Dotcom**) dated 1 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69816 (**Happy**) dated 28 May 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69853 (**Juno**) dated 1 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69854 (**Key**) dated 1 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 67812 (**Nest**) dated 15 December 2014 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69857 (**Plain**) dated 29 May 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 27/03502A/04/15 (**Rock**) dated 30 April 2015 from British Textile Technology Group (BTTG), England.
- Test Report No. 47906-02 (**Singel**) dated 1 September 2011 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69859 (**Taxi**) dated 1 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 27/03390/12/14 (**Yra**) dated 22 January 2015 from British Textile Technology Group (BTTG), England.
- Test Report No. 69861 (**Zoom**) dated 2 June 2015 from West Yorkshire Materials Testing Service, UK.

- Test Report No. 27/03694E/10/15 (**Balance**) dated 27 October 2015 from British Textile Technology Group (BTTG), England.
- Test Report No. 69995 (**Bok**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69996 (**Cent**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 27/03694C/10/15 (**Era**) dated 27 October 2015 from British Textile Technology Group (BTTG), England.
- Test Report No. 69997 (**Etage**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69998 (**Infra**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 69999 (**Kajal**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 70000 (**Lux**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
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- Test Report No. 70001 (**Pop**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 70002 (**Riff**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 70003 (**River**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 70004 (**Ruby**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 70005 (**Silk**) dated 12 June 2015 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 74733-02 (**Dia**) dated 03 July 2016 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 76611-02 (**Pure**) dated 15 July 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 74346 (**Stockholm Mini TCS**) dated 06 April 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 78700-01 (**Duo**) dated 30 September 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 79912-02 (**Front 2**) dated 19 October 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 80366 (**Intro**) dated 19 December 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 80070 (**Mingel**) dated 08 November 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 78560-01 (**Serie**) dated 19 September 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 78558 (**Vy**) dated 18 September 2016 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 84073-01 (**Iconic**) dated 29 June 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 82407 (**Key Aquastop**) dated 10 February 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 82408-01 (**Khaki Aquastop**) dated 29 June 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 84072 (**Link**) dated 16 May 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 87641 (**Bloom**) dated 17 August 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 90126 (**Kit**) dated 02 October 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 90157 (**Mira**) dated 02 October 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 90158 (**Pocket**) dated 02 October 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 89874-05 (**Semi**) dated 24 October 2017 from West Yorkshire Materials Testing Service, UK.

- Test Report No. 89873-02 (**Tableau**) dated 12 September 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 90127 (**Unit**) dated 02 October 2017 from West Yorkshire Materials Testing Service, UK.
- Test Report No. 97732-02 (**Ad On**) dated 13 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 97833-02 (**Arkiv**) dated 19 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK.
- Test Report No. 97835-02 (**Blue**) dated 19 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 97814-02 (**Cinder**) dated 19 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 95403 (**Harper**) dated 14 March 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 97832-02 (**Layer**) dated 19 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 95134 (**Magna**) dated 13 February 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 97733-02 (**Pole**) dated 13 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 95132 (**Poppy**) dated 13 February April 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 97815 (**Serif**) dated 19 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 95194-02 (**Wave**) dated 23 February 2018 from West Yorkshire Materials Testing Service, Leeds, UK
- Test Report No. 97813 (**Wit**) dated 19 April 2018 from West Yorkshire Materials Testing Service, Leeds, UK