



Certificate No:
TAF00001TZ

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Bedding Component

with type designation(s)
"DUX COMFORTELLO STENA" over "DUX CONTINENTAL STENA"

Issued to

DUX INTERIORES, S.A.
Vila das Aves, Santo Tirso, Portugal

is found to comply with

DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021
DNV rules for classification – Ships
DNV offshore standards

Application :

Approved for use throughout the accommodation as not readily ignitable bedding component.

This certificate is recognized by Transport Canada.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2023-09-18**

This Certificate is valid until **2028-09-17**.

for **DNV**

DNV local unit: **NB/CMC Team West**

Approval Engineer: **Helge Bjørnarå**

Jowita Permoda
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

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Product description

"DUX COMFORTELLO STENA" over "DUX CONTINENTAL STENA",
is a mattress with a thin light mattress topper. No fire-retardant treatment.

"DUX COMFORTELLO STENA" mattress topper; 65 mm thickness; 556 g/m²

Ticking (white and grey)	TOP-19 - 60% Viscose/40% Modal-Acrylic; 1 mm thick, 255 g/m ²
Wadding (white)	Polyester fibre (PM Safe); 10 mm thick, 200 g/m ²
Inter liner fabric (white)	TNT; polyester non-woven; 0.5 mm thick; 40 g/m ²
Foam (yellow)	CMHR polyurethan foam; 40 mm thick; 40 kg/m ³
Inter liner fabric (white)	TNT; polyester non-woven; 0.5 mm thick; 40 g/m ²
Wadding (white)	Polyester fibre (PM Safe); 25 mm thick, 200 g/m ²
Ticking (white and grey)	TOP-19 - 60% Viscose/40% Modal-Acrylic; 1 mm thick, 255 g/m ²
Perimeter edging strip (grey)	Polyester tape; 10 mm thick; 70 g/m
Stitching	Polyester thread

"DUX CONTINENTAL STENA" mattress; 155 mm thickness; 1451 g/m²

Ticking (white and grey) – soft face	TOP-19; 60% Viscose/40% Modal-Acrylic; 1 mm thick, 255 g/m ²
Foam	CMHR polyurethan foam; 30 mm thick; 40 kg/m ³
Wadding (white)	Polyester fibre; 5 mm thick, 300 g/m ²
Spring section	M12 Springs; 120 mm thick; 120 coils/m ²
Wadding (white) (only in extra firm)	Cotton/Polyester fibre; 5 mm thick; 300 g/m ³
Felt liner (white)	Polyester fibre (PM Safe); 2 mm thick, 200 g/m ²
Adhesive	SABABOND; 15 g/m ²
Ticking (white and grey) – firm face	TOP-19; 60% Viscose/40% Modal-Acrylic; 1 mm thick, 255 g/m ²
Foam around edges	CMHR foam; 50 mm thick; 40 kg/m ³

Application/Limitation

Approved for use throughout the accommodation as not readily ignitable bedding component.

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

Type Approval documentation

Test report No. 423414 dated 21 February 2020 from Warringtonfire, Warrington, UK.

Tests carried out

Tested according to IMO 2010 FTP Code part 9.

Marking of product

The product or packing is to be marked with name of manufacturer and type designation.

Transport Canada Approval

Based on the procedures laid down in the Transport Canada publication entitled "Procedures for Approval of Life-Saving Appliances, Fire Safety Systems, Equipment and Products (TP14612)", DNV confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment

DNV's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNV-CP-0338, Section 4.