Tango Club | 5109

Tango 5109

Technical specifications

› Structure
· Made of tube and steel plate arc welding with continuous wire.

› Polyurethane foam
· Seat density: 60-65Kg/m³.
· Backrest density: 50-55Kg/m³.

› Paint
· Electrostatic powder polyester paint.
· Paint Thickness: 70-80 microns.
· Grid adhesion according to UNE-EN ISO 2409 : 100%.

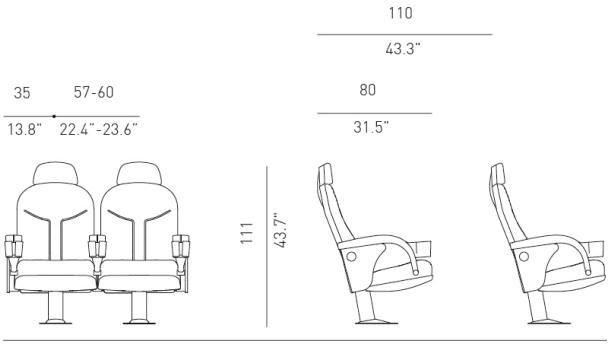
› Upholstery
· Reaction to fire standards:
- Spain: UNE-EN 1021 Parts 1 and 2.
- France: NF D 60-013.
- Italy: UNI 9175 Class 1.IM.
- Germany: DIN 66084.
- USA: CAL TB117.

› Polypropylene
· Material: Polypropylene Copolymer IF-727.
· Tensile strength according to ISO 527-2: 26 Mpa.
· Elasticity module according to ISO 527-2: 1250 Mpa.

› Fire resistance
· BS 5852. Clause12. Ignition sources 0,1 and 5. (with approved fabric).
· USA:CAL T.B. 133 (with approved fabric).

› Resistance and durability classification
·UNE-EN 12727 Level 4 (Severe use).

General dimensions



Tango 5109

General description

› Modular seat composed of totally interchangeable elements and large dimensions.

· The seat and backrest are made up of moulded polyurethane foam blocks, with a metal interior structure and upholstery fully integrated into the foam by means of the Integral Form system, without seams or stitching, which guarantees an exact piece to the original in the event of replacement.

· Between the upholstery and the foam, both in the seat and in the backrest, a fire-resistant curtain - TS System - can be incorporated to prevent the fire from penetrating into the foam, delaying the emission of toxic gases and the spread of flames. The backrest cushion is anatomically shaped with vertical and horizontal channels for improved comfort.

· The seat cushion is anatomically shaped and smooth, without any channel or groove to prevent the accumulation of dirt.

· The seat and backrest are fitted with fully washable polypropylene seat shells at the bottom and back, which prevent any rubbing or dirt on the upholstery on the back. The seat is fixed to the ground.

· The seat is assembled on a central foot attached to an internal union bridge that interconnects the different seats and allows the formation of totally rigid and stable rows. The feet are made of tubular steel structure finished in black or grey polyester paint. They are fixed to the ground with suitable plugs. The seat adapts to the specific room slope at the base of the foot.

· The arms are made of semi-rigid polyurethane foam, with an internal metal structure, incorporating an integrated cup holder in a compact, one-piece system.

· The backrest may incorporate a piece of upholstery in its upper back and the seat may also be fully upholstered.

Materials and finishes

› Metal Parts Features

· The steel complies with the following European standards:
- Tube up to 2mm thick: Alloy designation according to UNE-EN 10305 part 3: E-220.
- Tube more than 2 mm thick: Alloy designation S275JR.
- Plate: alloy designation according to EN 10111: DD12.

› Protection and Paint of Metal Parts

· Prior to powder coating, metal parts are treated with a three stage, non-acidic cleaning process to achieve superior finish adhesion. The finishing of the thermosetting polyester powder coating must be applied by electrostatic means with a minimum thickness of 70-80microns.

· After coating, the parts must be oven cured to create a durable finishing that meets the following requirements:
- Composition: Polyester powder suitable for outdoor use.
- Cross Cut Test Adhesion according to UNE-EN ISO 2409 classification GT 0-1.
- Scratch resistance according to ISO 15184:98 Level HB-H.
- Total thickness: 70-80Microns.
- Rust resistance (NSS), according to ISO 9220: 200 h.
- Resistance to MEK 50 double rubs without paint stripping.

› Plastic parts features

· High pressure injection moulded seat and backrest shells made of high impact copolymer polypropylene. High durability pigmented coloured plastic with textured exposed surface.

› Seat and Backrest Cushions Features

· The seat and backrest cushions are made of cold moulded polyurethane foam.

· In the inside, both include metallic tube structures and steel plates, with springs. This system guarantees great comfort and avoids the appearance of deformations in the foams, even after an intensive use.

· The headrest (optional) is also made of cold molded foam.

· The upholstery is made with the Integral Form system, forming a single element with polyurethane foam and metal structure. This avoids the appearance of wrinkles, even in intensive uses. It can also be handmade according to the type of upholstery.

· This allows the seat to be customized according to the project's requirements.

· Optionally, a fire barrier can be incorporated between the upholstery and the PUR foam.

· They comply with all international fire behaviour requirements.

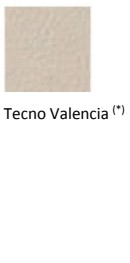
· Seat foam density 60-65: kg/m³.
· Backrest foam density: 50-55Kg/m³.

› Upholstery

· Group A:
Figueras Fabrics ®

· Group B:

· Group V



(*) Fabric sample / printed by collection. Check colours available.

› Pigments for plastic parts

| Environmental and Quality Certificates

› This product has been designed following the standards established in the Ecodesign management system certified in accordance with the UNE-EN ISO 14006 standard.

› The manufacture of this product has been carried out according to the environmental management system certified in accordance with the UNE-EN ISO 14001 standard.

› The quality management of this product has been carried out in accordance with the quality system certified in accordance with the UNE-EN ISO 9001 standard.

TÜVRheinland CERTIFIED
Management System
ISO 9001:2015
ISO 14001:2015
www.tuv.com
ID 9105011873

Certificate

Standard: ISO 9001:2015

Certificate Registr. No. 0.04.13223

TÜV Rheinland Ibérica Inspection, Certification & Testing S.A. certifies:

Certificate Owner: FIGUERAS SEATING SOLUTIONS, S.L.
C/ Anselm Clavé, 224
E-08186 Lliçà d'Amunt (Barcelona)

Scope: Design, sales, manufacture, supply and installation of seats for public installations.

An audit was performed, Report No. 0.04.13223 Proof has been furnished that the requirements according to ISO 9001:2015 are fulfilled.

Validity: The due date for all future audits is 07-09 (mm - dd).
The certificate is valid from 2019-01-15 until 2019-10-09.
First certification 2001
Date of the transition audit: 2018-07-03
Expiry date of last cycle: 2018-09-14

2019-01-17 TÜV Rheinland Ibérica Inspection, Certification & Testing S.A. Garrotxa, 10-12 – E-08820 El Prat de Llobregat

www.tuv.com IAF ENAC TÜVRheinland® Precisely Right.

Certificate

Standard: ISO 14001:2015

Certificate Registr. No. 3.00.03014

TÜV Rheinland Ibérica Inspection, Certification & Testing S.A. certifies:

Certificate Owner: FIGUERAS SEATING SOLUTIONS, S.L.
C/ Anselm Clavé, 224
E-08186 Lliçà d'Amunt (Barcelona)

Scope: Design, sales, manufacture, supply and installation of seats for public installations

An audit was performed, Report No. 3.00.03014 Proof has been furnished that the requirements according to ISO 14001:2015 are fulfilled.

Validity: The due date for all future audits is 09-30 (mm - dd).
The certificate is valid from 2019-01-15 until 2021-12-30 .
First certification 2003
Date of the transition audit: 2018-07-05
Expiry date of last cycle: 2018-09-14

2019-01-17 TÜV Rheinland Ibérica Inspection, Certification & Testing S.A. Garrotxa, 10-12 – E-08820 El Prat de Llobregat

www.tuv.com IAF ENAC TÜVRheinland® Precisely Right.

Certificate

Standard: UNE-EN ISO 14006:2011 Environmental management systems - Guidelines for incorporating ecodesign.

Certificate Registr. No. 00/170011

TÜV Rheinland Ibérica Inspection, Certification & Testing S.A. certify:

Certificate Owner: FIGUERAS
FIGUERAS SEATING SOLUTIONS, S.L.
C/ Anselm Clavé, 224
08186 Lliçà d'Amunt (Barcelona)
Spain

Scope: Design, sale, manufacture, supply and installation of seats for public facilities.

Validity: An audit was performed, Report No. 00/170011.
Proof has been furnished that the requirements according to UNE-EN ISO 14006:2011 are fulfilled.

The due date for all future audits is 06-07 (dd-mm).

The certificate is valid from 2018-02-23 until 2021-02-22.
First certification 2018

2018-02-23 TÜV Rheinland Ibérica Inspection, Certification & Testing S.A. Garrotxa, 10-12 – E-08820 El Prat de Llobregat

www.tuv.com TÜVRheinland® Precisely Right.