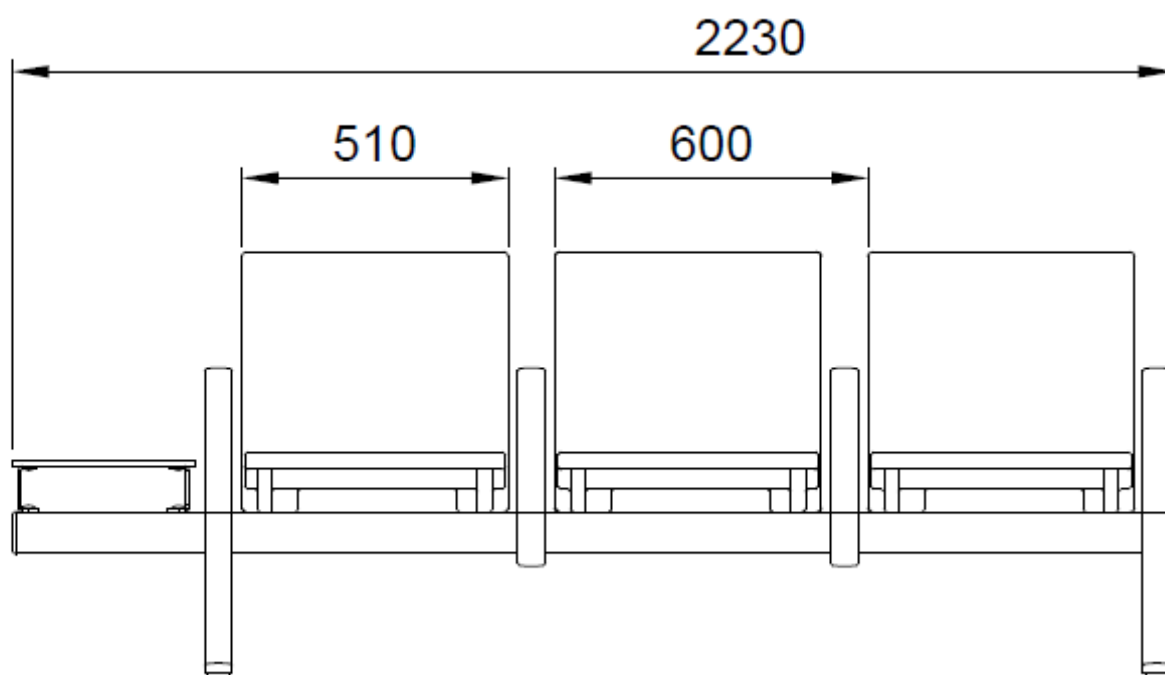





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FLY II 2D PRODUCT DATA SHEET





NR	COMPONENT	FLY II 2D DESCRIPTION
1	BEAM	<ul style="list-style-type: none">- 80 x 40 x 3 mm hardened steel rectangular profile- two beam caps mounted in permanent way with 2 screws from top and bottom- shot blasted, double layer powder coated- tested load per seat – minimum 200 kgs 



- full integral polyurethane with skin layer
- full surface hardened steel frame embedded inside PU foam
- strengthened corners
- modelled in 2 dimensions, longtime comfort
- PU hardness: min. 65 SHORE DEGREES
- Seat and backrest are separate modular elements
- Assembled to main beam with 2 screws M12 x 80 DIN 8.8
- Minimum thickness of seat and backrest: 20mm
- Minimum polyurethane density: 380kg/m3

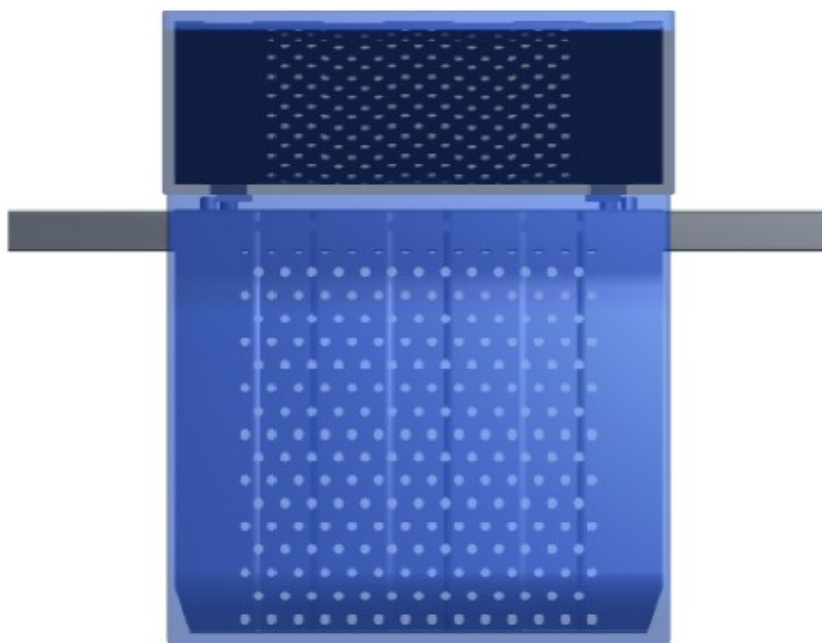
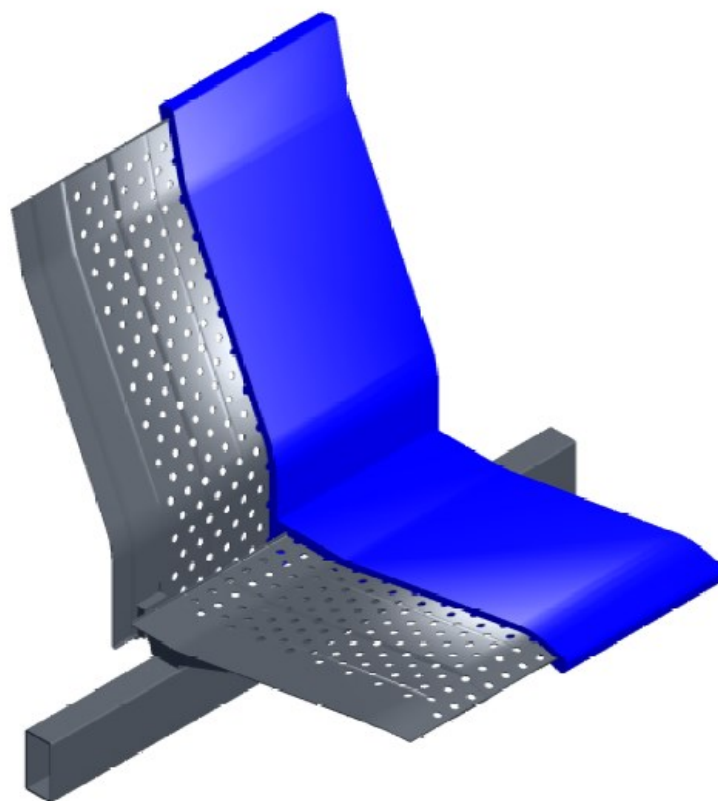


2

**SEAT AND
BACKREST 2D /
FULL
POLYURETHANE**



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- **Die-cast high pressure injected aluminum elements**
- **Solid core elements – not empty spaces inside**
- **Arc-shaped modular armrest**
- **double layer powder coated (+ colorless lacquer)**
- **Modular system with 2 x M10 screw fixing standard for easy components maintenance**
- **Minimum width of leg and armrest: 50 mm**
- **Middle armrests fixed on clamp with 2 x M10 x 100mm DIN8.8 screw**
- **Side armrests and legs fixed on clamp with 2 x M10 x 120mm DIN8.8 screw**



ALUMINUM SYSTEM:

- **Legs**
- **Arms**
- **Clamps**
- **Leg blinders**
- **Beam blinders**



**ALTEWRNATIVE
ALUMINUM
SYSTEM SLIM
LINE :**



3

- Legs
- Arms
- Clamps
- Leg blinders
- Beam blinders

- Die-cast high pressure injected aluminum elements
- Solid core elements – not empty spaces inside
- Arc-shaped modular closed loop armrest
- double layer powder coated (color + colorless protective lacquer)
- Modular system with M10 and M12 DIN 8.8 screw fixing standard for easy components maintenance
- Minimum width of leg and armrest: 27,5 mm
- Middle armrests fixed directly to beam with 1 x m12 X 100 DIN8.8 screw
- Side armrests fixed with leg with 2 x M10 x 110mm DIN8.8 screw




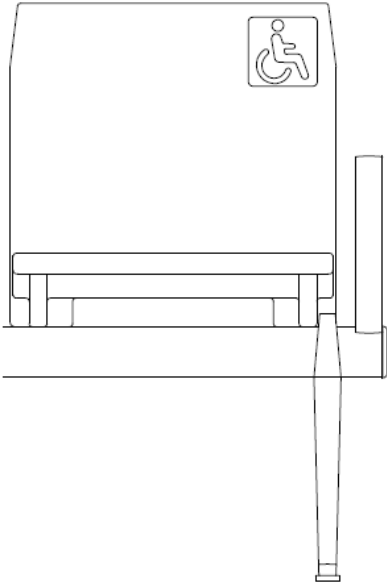


4	PU TABLE	<ul style="list-style-type: none">- Full integral polyurethane with skin layer- Dimensions: 350 x 500mm- Minimum thickness of table: 26mm- Full surface hardened steel frame embedded inside PU foam- PU hardness: min 65 SHORE DEGREES- Fixed to main frame with 2 x M12 x 75mm DIN8.8 screw- Minimum polyurethane density: 380kg/m3 
4	PU TABLE	<ul style="list-style-type: none">- High pressure laminate interior- Dimensions: 300 x 500mm- Minimum thickness of table: 13mm- Fixed to main frame with mental brackets and 2 x M12 x 75mm DIN8.8 screw 

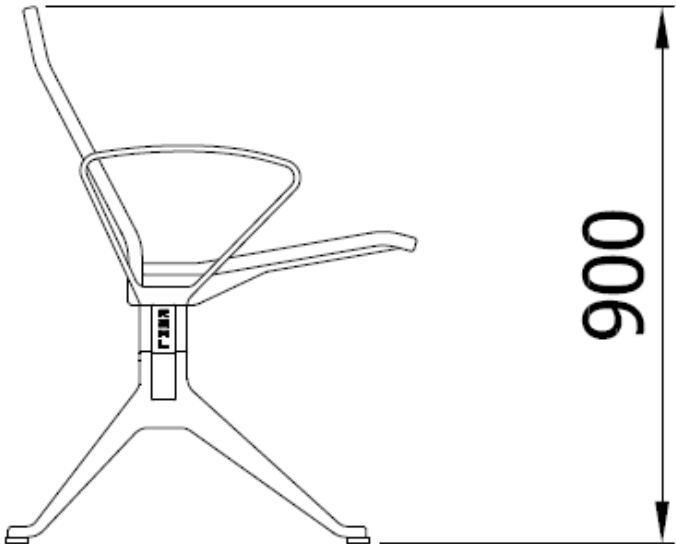


5	RUBBER FEET	<ul style="list-style-type: none"> - Special non-scratching rubber feet - feet with floor leveling system - non floor scratching - system of stability rows for greater resistance to movement - Air vacuum system 
6	EPOXY POWDER COATING	<ul style="list-style-type: none"> - TIGER COATING epoxy powder coating - Shot – blasting of steel elements - Double layer coating: color + protective lacquer - Minimum 80 microns of thickness per layer - 500h salt test – ISO 9227 - 500h humidity test – ISO6270-1 



7	DIMENSIONS	<ul style="list-style-type: none"> - Seat width – 510mm - Total height – 820mm - Total depth – 660 mm - Floor to seat edge – 443mm - Leg and armrest width BASIC LINE: min 50mm - Leg and armrest width SLIM LINE: min 27,5mm - 42 mm
8	CONNECTORS	<p>Product supplied with back-to- back connectors fixed to the main beam with 2 DIN8.8 screws, allowing to connect 2 units back to back– detachable</p> 
10	PRM SEAT EXTENSION	<p>DISABLED PRM SEAT EXTENSION SET CONSISTS OF:</p> <ol style="list-style-type: none"> 1. 80 X 40 MM HEIGHTENING BEAMS (2 PCS) 2. DIVERTED HIGHTENING CLAMPS (2 PCS) 3. PRM PU LOGOTYPE EMBEDDED IN BACKREST SURFACE (TWO COLORS) 4. TWO M10 x 190 DIN 8.8 SCREWS <p>FEATURTES OF 2D PRM SEAT EXTENSION:</p> <ul style="list-style-type: none"> - PRM SEAT IS 8 CM HIGHER ON HEIGHTENING BEAMs 80 X 40 MM - PRM SEAT HAS PROPER LOGOTYPE ON THE BACKREST – LOGOTYPE CAN BE IN 2 COLORS – BACKGROUND COLOR CHOSEN BY RAL SET AND WHITE DISABILITY LOGO. 



		
11	CERTIFICATION	<p>A. RESISTANCE, DURABILITY, STABILITY (CERTIFICATE NR 218/11/W) according to the norms: EN 15373:2007 EN 1728:2004 EN: 1022:2007 EN 12727:2004</p> <p><u>CERTIFICATE NUMBER 218/11/W</u> -STATIC EXAMINATION OF SEAT: 10 CYCLES X 200 KGS -STATIC EXAMINATION OF BACKRES: 10 CYCLES X 70 KGS -STATIC HORIZONTAL EXAMINATION OF ARMRESTS: 10 CYCLES X 100 KGS -STATIC VERTICAL EXAMINATION OF ARMRESTS: 10 CYCLES X 100 KGS -FATIGUE EXAMINATION OF SEAT AND BACKREST OF NON ADJUSTABLE SEATS: 200 000 CYCLES WITH 100 KGS - FATIGUE EXAMINATION OF SEAT AND BACKREST OF NON ADJUSTABLE SEATS: 200 000 CYCLES WITH 30 KGS - FATIGUE EXAMINATION OF ARMREST: 100 000 CYCLES WITH 40 KGS -STATIC EXAMINATION OF LEGS (FRONT BACK): 10 CYCLES WITH 50 KGS SHOCK EXAMINATION OF THE SEATS: 10 CYCLES WITH 30 KGS</p> <p>B. INFLAMMABILITY (FLAME RETANDANT) as per the norms: EN 1021-1:2007 (CERTIFICATE NR 2/11/P) EN 1021 -2:2007 (CERTIFICATE NR 2/11/P) EN 13501 – CERTIFICATE 01241/15/Z00NP AM18 (France) – CERTIFICATE NR 18724-15 BS5852 – source 0,1 and 5 (UK) – CERTIFICATE NR 11/14/P</p> <p>C. POSITIVE OPINION OF MEDICAL INSTITUTE FOR THE ERGONOMICS OF SEATING – CERTIFICATE NR 21/2011</p>



D. TEST REPORT FOR EPOXY POWDER COATING QUALITY –
ISO2409
ISO2815
ISO1520
ISO1519
ASTM D 2794
ISO6270-1
ISO9227
CERTIFICATE NUMBER 59/90453

E. STAINING RESISTANCE CERTIFICATE
- EN12720
- A1:2014
CERTIFICATE NUMBER 1/14/T

F. DISINFECTION - CERTIFICATE NR 1/20/T

G. TEST REPORT FOR BEAM AND LEG LOAD
- EN 12727
TEST REPORT DATED 24.03.2017

H. PU DENSITY
ISO 845:2010
TEST REPORT DATED 23.01.2018

I. OIL RESISTANCE AND COMPRESSION
EN ISO 868:2005
ISO1817:2011 / AP1:2002
CERTIFICATE NR 202/1/BL/2011

J. UV LIGHT RADIATION RESISTANCE
ISO 20105 -A02
CERTIFICATE NR 202/BL/2011

K. THICKNESS, COMPRESSION, MATERIAL EXAMINATION
ISO845:2006
ISO8307:2007
ISO 8067:2008
ISO1798:2008
ASTM D638-14
CERTIFICATE NR SDHL1810023740FT

L. BEAM – TENSILE MATERIAL TEST
ISO6892-1:2016
CERTIFICATE NR SDHL1810023752FT



		M. MANUFACTURERS WORKS WITH ISO 9001 QUALITY MANAGEMENT SYSTEM
12	SERVICE AND WARRANTY	<ul style="list-style-type: none">- 10 YEARS OF FULL MANUFACTURER WARRANTY FROM FINAL TAKEOVER DATE- AVAILABILITY OF SPARE PARTS FOR 30 YEARS- IMMEDIATE PROBLEM SOLVING PROGRAM- AFTER SALES SUPPORT 24/7
13	PACKING	<p>PACKING INFORMATION – SEATS ARE PACKED IN WOODEN PALLET BOXES WITH DIMENSIONS 1090 X 830 X 2100MM.</p> <p>ONE BOX HOLDS: A. 27 SEATS FOR MODELS: FLY II 2D</p> <p>ONE 40' HC CONTAINER CAN HOLD: B. 702 SEATS FOR MODELS: FLY II 2D TOGETHER WITH LEGS, ARMRESTS, SCREWS AND RELEVANT BEAMS</p> <p>.</p>