ihola!





The all-rounder among the multi-purpose chairs. Ideally suited for a plethora of environments, ranging from foyers and canteens to conference and seminar rooms, not forgetting large assembly halls. The dynamically shaped back is strongly reminiscent of a sail. The fresh colours, which can be mixed and matched for the seat and back, add vitality to any room. The arms are always in the same colour as the back. Highest level of functionality paired with elegance! Especially the variations featuring wooden legs ooze a cosy, homelike flair.



Content

Variations 8
kuschmed® Hygienic-Line 13
Product data 18
Materials, finishes 23
Solutions 26
Quality, sustainability 27
References 28



Design by Jorge Pensi

He studied architecture in his home town of Buenos Aires. Since 1977, he lives in Barcelona and made a name for himself with his aluminium furniture designs. He used to be a visiting lecturer at the Art College in Stuttgart. His designs can be admired at many international exhibitions. The long list of design prizes underlines the importance of his works as a designer. Jorge Pensi's trademark style is reflected in his series for Kusch+Co.









Variations

2200 Stacking side chair/stacking armchair

Either with or without arms, upholstered or unupholstered – the ergonomically shaped seat and back part invite everyone to take a seat. Available in a firework of 11 distinct colours for the seat, back and arms. Not forgetting the Black Edition, featuring black plastic parts as well as a frame that is either pearl black textured powder coated (RAL 9005) or finished in upmarket black chrome.



2220 Bar stool

The bar stool is the taller version of the side chair, without compromising on stackability. The footrest helps to give a firm support. The seat and back are available in 11 distinct colours or as Black Edition.



2200 Bench

Either space-saving in a waiting room or visually prominent in a foyer: the bench frame is capable of carrying several seats and backs that are solidly fitted on the stable stretcher bar. A rectangular bench top can be added for more storage space. When placed between two seats, the bench tops provide sufficient distance to the persons seated next to one.



2200/5



2280 Stacking side chair/stacking armchair

The stability of steel combined with the charm of natural wood. The clou: the legs are made of chrome-plated steel, however covered with a real-wood "sleeve", featuring an exquisite, diagonally running wood grain. Either natural beech or oak. On request, stained in a colour from our standard collection.



Variations

2200 Stacking side chair/stacking armchair





Plastic seat/back

Plastic seat/back, upholstered seat pad

Plastic seat/back, upholstered seat/back pad

Plastic seat/back, suited for outdoor use

	/
2200/2	2200/4
2202/2	2202/4
2205/2	2205/4
2201/2	2201/4

2220 Bar stool



Plastic seat/back

Plastic seat/back, upholstered seat pad

Plastic seat/back, upholstered seat/back pad

2220/0

2222/0

2225/0

2200 Bench

Plastic seat/back

Plastic seat/back, upholstered seat pad

Plastic seat/back, upholstered seat/back pad

2200/5

2203/5

2206/5

2280 Stacking side chair/stacking armchair



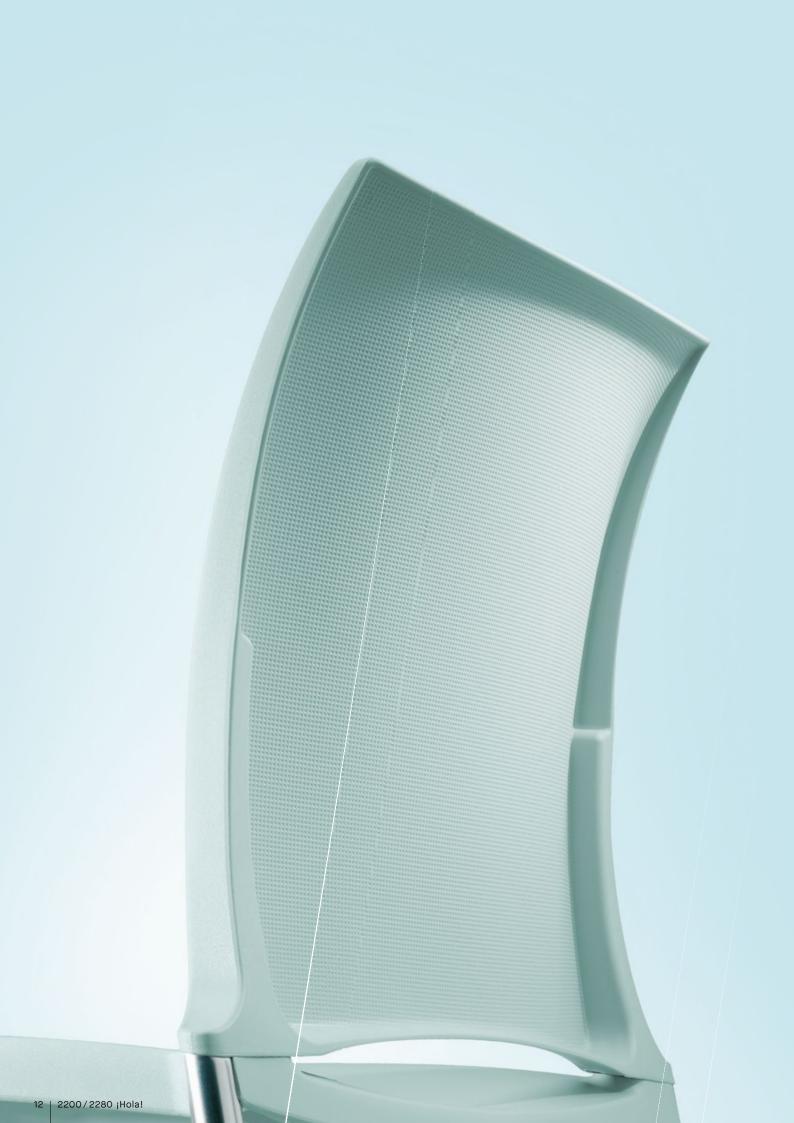


Plastic seat/back

Plastic seat/back, upholstered seat pad

Plastic seat/back, upholstered seat/back pad

ž.	U.	u .	ų.			u.		Ų	ų.			
2280	0/0					2280/	4					
2282	2/0					2282/	4					
2285	5/0					2285/	4					



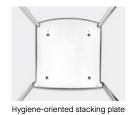




2200H Stacking side chair/stacking armchair

Easy to clean and safe to disinfect! These variations are constructed to reduce the germ transmission risk to other persons, e.g. through antibacterially coated plastic parts, a hygiene-efficient stacking plate, and either bright chrome-plated or antibacterially powder coated legs.





2200H Bench

In rooms where people sit close together, hygiene become all the more important. Thanks to its excellent cleaning and safe disinfection properties, these benches are ideally suited for waiting areas in medical practices, health-care facilities and public buildings. They feature antibacterially coated plastic parts, bright chrome legs, or antibacterially powder coated legs and stretcher bar.



2200/5H



2200/5H

More information about the kuschmed® Hygienic-Line in the Solutions section.

2200H Stacking side chair/stacking armchair



Plastic seat/back

2200H Bench



Plastic seat/back





Product data

2200/2200H Stacking side chair/stacking armchair

Accessories

- · Clip linking side chair/side chair, side chair/ armchair4 (not for variations 2202/2, 2205/2 with upholstery material leather or artificial leather)
- Seat/row numberplate holder with numberplate4
- · Seat numberplate holder with numberplate and anti-panic device4 (only with clip linking)
- · Plastic glides4
- Felt glides⁴ (not for variations 2201/2)
- · Metal glides (not for variations 2201/2)
- Protect glides (not for variations 2201/2)
- Optional seat height 50 cm or 55 cm





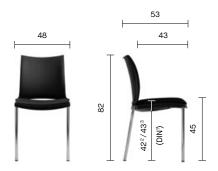


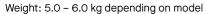


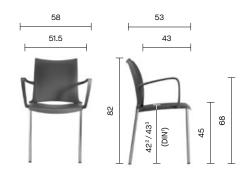












Weight: 6.0 - 7.0 kg depending on model



Dimensions in cm

¹ The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

² unupholstered

³ upholstered ⁴ not for variations kuschmed® Hygienic-Line

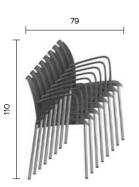
2200/2200H Stacking side chair/stacking armchair

Stackability

- Stackable on dolly 1011/8: 8 units
- · Stackable on dolly 3980/8: 8 units
- Stackable on dolly 3981/8: 8 units
- · Stackable on dolly 3880/8: 8 units
- · Mixed stacks of side chairs and armchairs possible

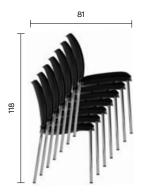
Stacking unupholstered

- · 8 units
- · Height plus 4 cm per stacking side chair/ armchair
- Depth plus 4 cm per stacking side chair/ armchair



Stacking upholstered

- 7 units
- Height plus 6 cm per stacking side chair/ armchair
- Depth plus 5 cm per stacking side chair/ armchair





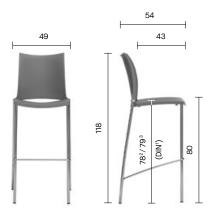
Product data

2220 Bar stool

Accessories

- · Plastic glides
- · Felt glides
- · Metal glides
- · Protect glides





Weight: 7.5 - 8.5 kg depending on model

Stacking unupholstered

- 5 units
- · Height plus 4 cm per bar stool
- · Depth plus 4 cm per bar stool

Stacking upholstered

- 5 units
- Height plus 6 cm per bar stool
- Depth plus 5 cm per bar stool





¹ The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

² unupholstered ³ upholstered

Dimensions in cm

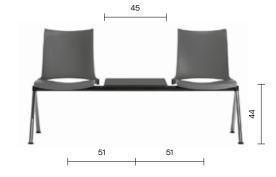
2200/2200H Bench

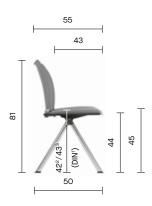
Accessories

- Plastic glides
- Plastic intermediate arm on request
- Plastic end arm
- · Rectangular top instead of seat
- · Wall spacer at leg (2 per bench, not retrofittable)
- · Floor fixation



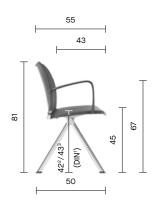


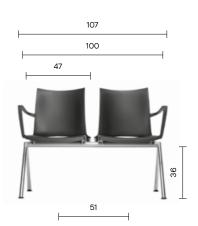


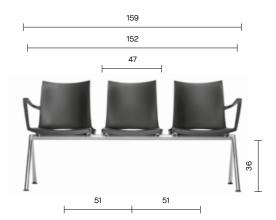












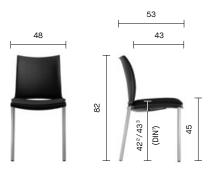
Product data

2280 Stacking side chair/stacking armchair

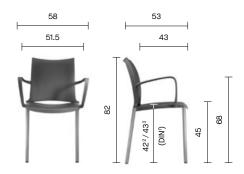
Accessories

- · Plastic glides
- · Felt glides
- · Metal glides
- · Protect glides





Weight: 5.5 - 6.5 kg depending on model



Weight: 6.5 - 7.5 kg depending on model

Stackability

- Stackable on dolly 1011/8: 8 units
- · Stackable on dolly 3980/8: 8 units
- · Stackable on dolly 3981/8: 8 units
- · Stackable on dolly 3880/8: 8 units
- Mixed stacks of side chairs and armchairs possible

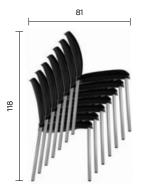
Stacking unupholstered

- · 8 units
- Height plus 4 cm per stacking side chair/ armchair
- Depth plus 4 cm per stacking side chair/ armchair

79 OE

Stacking upholstered

- 7 units
- Height plus 6 cm per stacking side chair/ armchair
- Depth plus 5 cm per stacking side chair/ armchair



¹ The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

² unupholstered ³ upholstered

Dimensions in cm

Materials, finishes

2200/2200H/2280 ¡Hola!

Seat, back, arms

 Plastic polypropylene signal white, silk, quartz grey, light grey, black grey, black, midnight blue, pimento, scampolo, tinkerbell and salem (suited for indoor and outdoor use, colours can be combined as desired, arms are always in the same colour as the back)

Upholstery

- Optionally with upholstered seat pad or upholstered seat/back pad, fabric from standard collection
- Optionally available with upholstery with flame retardant foam resp. flame retardant foam and fireproof fabric

Metal frame

- Frame standard powder coated or pearl black (RAL 9005), protective lacquer aluminium powder coated, bright chrome, bright chrome black or satin chrome steel
- Frame and footrest bright chrome, bright chrome black, satin chrome or powder coated pearl black (RAL 9005) (bar stool)
- Legs standard powder coated, bright chrome or satin chrome steel, stretcher bar standard powder coated (bench)

Wooden legs

- Natural beech or stained acc. to standard collection
- Natural oak or stained acc. to standard collection

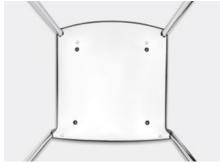
Tops

 Rectangular bench top full core material HPL black, HPL Resopal finish Traceless TP black, low flammability, thickness 13 mm, black edges, support powder coated

Variations kuschmed® Hygienic-Line

- Frame/legs bright chrome or antibacterial powder coated steel (stacking side chair/ stacking armchair, bench)
- Stretcher bar antibacterial powder coated (bench)
- Plastic arms/seat/back with anitbacterial coating (colours can be combined as desired, arms are always in the same colour as the back)
- · Hygiene-oriented stacking plate





Hygiene-oriented stacking plate (for models kuschmed® Hygienic-Line)



Materials, finishes

Plastic Powder coating Laminate HPL Resopal® **™**RESOPAL signal white 18 silk **RAL 9003** RAL 9006 silver aluminium Traceless TP black quartz grey 11 signal white white aluminium (metallic effect) 0901-TP, low flammability, (metallic effect) for bench tops light grey 07 black grey black silver 98 DB 703 silk (metallic effect) 13 08 iron mica ₿; Powder coatings also suited for midnight blue pimento 17 RAL 9005 scampolo pearl black 06 (RAL 9005) outdoor use (not jet black for pearl black) Ć<u>ķ</u>-All plastic colours also suited for outdoor use tinkerbell 15 salem 14

Colour hues matching our plastic colours

Colour	RAL	NCS	RESOPAL Plain Colour	PANTONE	RGB	СМҮК
signal white	9003	S 0502-B	D354-60 designer white	-	249/248/247	1/1/2/2
silk 23	075 70 10	S 3005-Y20R	1500N-60 soft grey	Warm Gray 3	192/184/176	5/10/25/30
quartz grey 12	7039	S 5502-R	-	403	105/99/93	50/40/50/40
light grey 07	7047	-	0160-60 silver grey	Cool Gray 3	229/228/228	12/9/9/0
black grey 13	7021	S 7502-B	10622-60 ebony	446	55/58/58	42/30/30/80
black 08	9005	S 9000-N	0901-60 black	433	33/42/41	45/20/30/90
midnight blue 06	5008	S 7010-R90B	-	7546	49/63/79	91/77/60/19
pimento 17	020 40 40	S 3050-R	-	492	154/57/66	35/82/60/0
scampolo 16	170 80 10	S 2010-B70G	0602-60 petrol	622	168/197/192	25/5/20/5
tinkerbell 15	110 80 20	S 2020-G40Y	0666-60 pistatcio	7485	177 / 191 / 138	20/0/40/10
salem 14	080 80 30	S 1020-Y20R	0446-60 gold	7401	245/224/159	0/10/45/5

All colour recommendations are only approximate to the original colour tone. It is impossible to guarantee a perfect colour match.

Beech stains K



natural beech



cream K 04



sienna K 10 (P 10)



global beech K 05

oak K 40

puce K 11 (P 11)



K 01





arctic

S 42

pimento S 57



Beech stains S











S 54



scampolo S 56



black S 10

Oak stains K



natural oak



lounge oak K 44 (P 44)



dark oak K 51



cognac oak K 45 (P 45)



noce oak K 46 (P 46)



K 43 (P 43)



light oak K 50

Outdoor use



The variations 2201/2 and 2201/4 are suited for a temporary outdoor use up to a certain degree. The mechanical properties of the plastic components are not impaired by the weather conditions. However, discolouration

and irreversible soiling of the plastic components is inevitable, and therefore no grounds for complaint. The outdoor use of these products in extreme weather conditions (i.e. tropics, persisting frost, and exposure to

extreme UV radiation or constant temperatures $>\!40\,^{\circ}\text{C})$ is not possible, and should be limited dependent on the seasons.



Solutions

Excerpt

Depending on the environment, contract seating has to be able to fulfil very specific requirements. Interior designers and planners sometimes have to clear difficult hurdles: such as exacting fire prevention or hygiene regulations, or taking the needs and wishes of persons with reduced mobility into consideration. Kusch+Co has worked out individual solutions:

Fire Prevention

Plastic

The plastic parts of this seating series meet the requirements of the fire prevention standards DIN EN 1021 part 2.

Wooden parts

As standard, wooden parts are protected by a UV curing, environmentally harmless, water-based lacquer meeting all the requirements of "low flammability" acc. to DIN EN 13501 B s2 d0.

Upholstery

The upholstery is optionally available with flame retardant foam. In addition, it is available with the Kusch+Co Fire Prevention Concept, consisting of a special fabric "flamline" (approved by the building authorities and A2 nonflammable according to DIN 4102) between the upholstery foam and the fabric.

This concept achieves four life-saving objectives. The seating:

- is self-extinguishing,
- · reduces the smoke development,
- · prevents an incipient fire from spreading out,
- does not turn into an additional ignition source

Test reports in compliance with national and international standards document the laboratory fire tests conducted on different series finished with a wide variety of materials.

With regard to the upholstery, e.g. with leather, artificial leather as well as many textile fabrics, or to our unupholstered variations featuring a plywood, laminated or plastic seat shell, most of our series meet the following standards:

Germany: DIN 66084 P-a
 France: NF D 60-013
 Great Britain: BS 5852 Crib 5
 Italy: UNI 9176
 Europe: EN 1021 part 1/2

Bench tops

Tops made of HPL full core material are flame retardant conform DIN EN 13501 B s1 d2.

Please contact us if you wish to receive the test reports.

Hygiene

Products from the kuschmed® Hygienic-Line provide an unfavourable breeding ground for bacteria, germs, and mildew. For this purpose, this range is conceived without open-pored veneers, slits in the backrest, improper upholstery, finger traps, open frames, felt glides, or materials that degrade upon contact with disinfectants.

Only fabrics with specific properties, e.g. hygienically impervious fabrics as well as water- and dirt-repellent finishes, qualify for this product line. Fabrics made of nano-coated fibres as well as disinfectant-compatible fabrics are also used.

The surfaces have to be smooth and pore-free, impervious to liquids and germs, and growth-inhibiting for bacteria. All wooden surfaces are entirely sealed with a special high-density, pore-free and disinfectant-resistant lacquer with antibacterial properties. Metal surfaces are sealed with a chrome finish or with a silverbearing, anti-bacterial powder coating. The

silver ions within the coating are activated upon contact with bacterial colonies, diffusing at the surface, denaturating the cell walls of the bacteria, and thus inhibiting their growth.

kuschmed®

Reduced Mobility

Many people experience mobility difficulties, among them are senior citizens, pregnant women, persons of short stature, as well as persons with an individual disability. Sitting can be quite a hurdle, as they may have difficulties in taking a seat or getting up from normal seating. In this case, the standard seat height of 42 or 45 cm is usually too low.

Seating has to fulfil the following requirements for persons with reduced mobility:

- · Seat height of at least 48 cm
- Seat surfaces enabling them to sit upright and to get up more easily
- Stable arms providing good support
- The legs should be positioned as vertically as possible, so that they don't become a tripping hazard

Next to the standard seat height of 45 cm, all four-legged frame variations of the series 2200 ¡Hola! are available with an optional seat height of 50 cm or 55 cm. On top of this, they feature stable armrests and nearly perpendicular legs, and enable an upright posture.

Please contact us to receive further information.

Quality, sustainability

Excerpt

Quality

Our environmental and quality management systems are certified acc. to DIN EN ISO 14001:2015 and to DIN EN ISO 9001:2015. External audits as well as our in-house laboratory safeguard our quality level.

All variations of series 2200/2280 ¡Hola! meet the requirements with regard to stability, static and dynamic load as well as strength and durability in compliance with the current European Directives, standards and regulations.

On top of this, we test most of our contract seating with higher loads and cycles. On request, we conduct individual tests acc. to the customer's specifications.

We are certified in compliance with DIN EN ISO 9001:2015. In our own laboratory, we test our products before their market launch whether they comply with the normative requirements applicable to contract seating, task chairs, and tables, and issue a Declaration of Conformity.

We happily make these Declarations of Conformity as well as our brochure "Mission Statement Quality" providing detailed information on our test procedures available to you – please contact us.





2280/2, 2280/4, 2282/2, 2282/4, 2285/2, 2285/4

Sustainability

Kusch+Co products stand for long life cycles and optimum recyclability. From the first design drafts of a new product, we take all environmental-relevant components and production processes into consideration, ranging from the materials selection and the design all the way to the manufacturing processes which also contribute towards our sustainable energy balance.

Environmental Product Declarations are available for all series, in accordance with DIN EN ISO 14021 Type II, providing more information about all environmentally relevant aspects, including the Credit Points for the LEED certification of a building. Please contact us for more information.





References

Excerpt

Austria

· Islamic Cultural Centre, Vienna

Belgium

- · Dexia SA, Brussels
- · General Hospital Damiaan, Ostend
- · General Hospital Groeninge, Kortrijk
- · General Hospital Sint-Maarten, Mechelen
- · Public Centre for Social Welfare Arendonk
- Residential care and nursing home De Vlinder, Harelbeke
- Residential care and nursing home De Waterdam, Roeselare
- Residential care and nursing home Paradijs, Lier
- · St. Jozef Hospital, Campus Bornem

China

· Shanghai Exhibition Center

Denmark

· Politikens Hus, Copenhagen

France

- · Banque Populaire, Melesse
- · Bercy Arena, Paris
- · École Nationale du Trésor, Lyon

Germany

- · Enercon GmbH. Gotha
- · Division of Student Affairs Dresden
- · Division of Student Affairs Freiberg
- Fressnapf Tiernahrungs GmbH, Krefeld
- · Hospital Magdeburg gGmbH
- · Hospital Wahrendorf, Celle
- Kliniken im Naturpark Altmühltal GmbH, Eichstätt
- · medbo, Regensburg
- · MTV Networks Germany GmbH, Berlin
- · Municipal Hospital Brandenburg, Berlin
- · Pfeiffer Vacuum GmbH, Asslar
- Rheumazentrum Mittelhessen
 GmbH & Co. KG (Center for Rheumatic Diseases), Bad Endbach
- St. Antonius-Hospital Gronau
- · St. Mary's Hospital, Amberg
- · Tempodrom, Berlin
- · University Library Leipzig
- · University of Applied Sciences Gelsenkirchen

Italy

· Deutsche Bank, Milan

Netherlands

- · JAA Training Organisation, Hoofddorp
- · QSN, Sassenheim
- · Reinier de Graaf Hospital, Delft

USA

- · Community College, Rochester
- · Dwight-Englewood School
- · John Jay College, New York
- $\boldsymbol{\cdot}$ The Chapin School, New York











St. Antonius-Hospital Gronau



Residential care and nursing home Paradijs, Lier







