

# uni\_verso



KUSCH+CO  
by Nowy Styl



A contract seating series geared towards a plethora of modern environments. At the heart of this design is an ergonomically shaped plastic seat shell. Its design is simultaneously open – inviting everyone to take a seat – and closed – moulding to the body. The slender seat shell, dominated by sweeping lines, has an aura of warmth and cosiness.



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**Design by Norbert Geelen**

After having completed his training as industrial designer at the University of Essen, he started freelancing at the Italian Studio Matteo Thun in Milan. Together with his partner Robert Kilders, he founded the design studio bert&bert in 1997. Since 2005, Norbert Geelen feels at home both in his German office in Straelen and in his Milan studio. He has specialised in designing upmarket lifestyle products and furniture.







# Variations

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## 2000 Four-legged frame

A genuine all-rounder: both side chair and armchair can be stacked and linked together. Available with or without upholstered pads. The writing tablet is optional. The variation 2001/2 is also suited for outdoor use.



2002/4



2006/4



2000/2

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## 2020 Sled base

The sled-base chairs feature a slender frame that highlights their graceful, minimalist design. They excel in functionality.



2022/2



2020/2

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## 2080 Wooden legs

The four wooden legs seem to be sprouting from the side chair's or armchair's centre. Natural beech legs as standard; high-grade natural oak legs are optional.



2080/3



2082/3



2080/1

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## 2000 / 2080 Bar stool

The versatile uni\_verso seat shell rests on a higher frame for a relaxed bar atmosphere. Either metal or wooden legs, with footrest as standard.



2005/0



2080/0

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## 2000 Bench

The sturdy stretcher bar of the uni\_verso is capable of carrying up to six seat shells. A vast array of functional accessories, such as the rectangular tops instead of a seat, guarantees the best possible use value. When positioned between two seat shells, the bench tops serve the double purpose of being storage space and guaranteeing the safety distance between the seated persons.



2000/5



2000/5

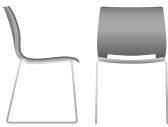
# Variations

## 2000 Four-legged frame



Plastic seat shell	2000/2, 2000/2H	2000/4, 2000/4H	2006/4, 2006/4H
Plastic seat shell, for outdoor use	2001/2		
Plastic seat shell, upholstered seat pad	2002/2	2002/4	2008/4
Plastic seat shell, upholstered seat/back pad	2005/2	2005/4	2009/4

## 2020 Sled base



Plastic seat shell	2020/2
Plastic seat shell, upholstered seat pad	2022/2
Plastic seat shell, upholstered seat/back pad	2025/2

## 2080 Wooden legs



Plastic seat shell	2080/1	2080/3
Plastic seat shell, upholstered seat pad	2082/1	2082/3
Plastic seat shell, upholstered seat/back pad	2085/1	2085/3

All variations, whose model numbers end with the letter H, meet the standards of the kuschmed® Hygienic-Line. For more information, please go to the Solutions section.



2000 / 2080 Bar stool



Plastic seat shell	2000/0	2080/0
Plastic seat shell, upholstered seat pad	2002/0	2082/0
Plastic seat shell, upholstered seat/back pad	2005/0	2085/0

2000 Bench  
2, 3, 4, 5, and 6 seater bench



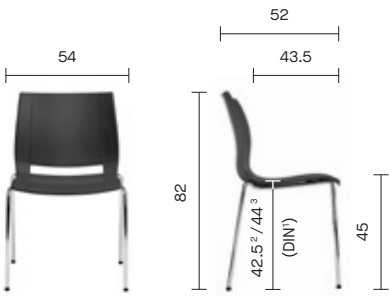
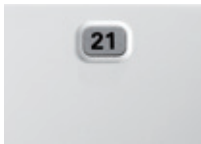
Plastic seat shell	2000/5
Plastic seat shell, upholstered seat pad	2002/5
Plastic seat shell, upholstered seat/back pad	2005/5

# Product data

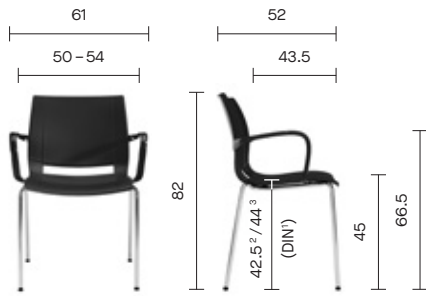
## 2000 Four-legged frame

### Accessories

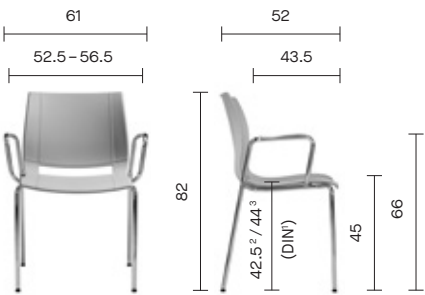
- Black plastic arm pads (for models with steel arms)
- Extractable clip linking, side chair / side chair, side chair / armchair, armchair / armchair
- Row numberplate holder with numberplate
- Seat number stuck into the back (not for models with upholstered back pad)
- Seat number screwed to the back (for models with upholstered back pad)
- Writing tablet
- Plastic glides
- Felt glides
- Metal glides
- Protect glides
- Optional seat height 42 cm, 50 cm or 55 cm



Weight: 5.5 – 7.5 kg depending on model



Weight: 6.0 – 8.0 kg depending on model

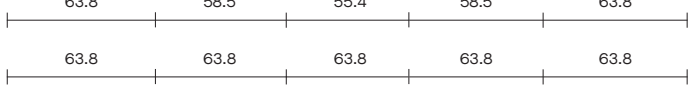


Weight: 6.5 – 8.5 kg depending on model



Extractable clip linking

Extractable clip linking  
in combination with writing tablet



<sup>1</sup> 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.

<sup>2</sup> upholstered

<sup>3</sup> upholstered

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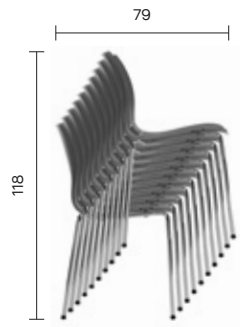
## 2000 Four-legged frame

### Stackability

- Stackable on dolly 1011/8: 10 units
- Stackable on dolly 3980/8: 8 units
- Stackable on dolly 3981/8: 10 units
- Stackable on dolly 3880/8: 8 units
- Mixed stacks of side chairs and armchairs possible
- Stacking armchairs with plastic arms and stacking armchairs with metal arms can't be combined

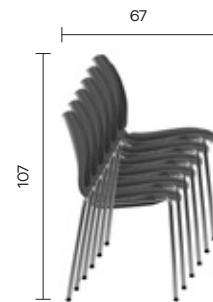
### Stacking unupholstered

- 10 units
- Height plus 4 cm per stacking side chair / armchair
- Depth plus 3 cm per stacking side chair / armchair



### Stacking upholstered

- 6 units
- Height plus 5 cm per stacking side chair / armchair
- Depth plus 3 cm per stacking side chair / armchair



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### Writing tablet

- Removable writing tablet
- Models can only be stacked with removed writing tablet
- Side chairs and armchairs with mounted writing tablet are linkable with extractable clip linking
- Writing tablet for right- or left-handed

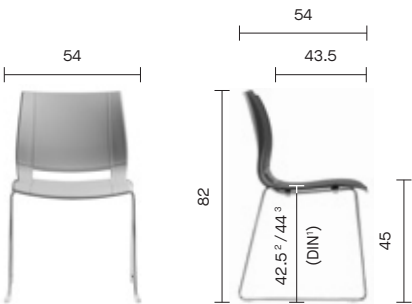


# Product data

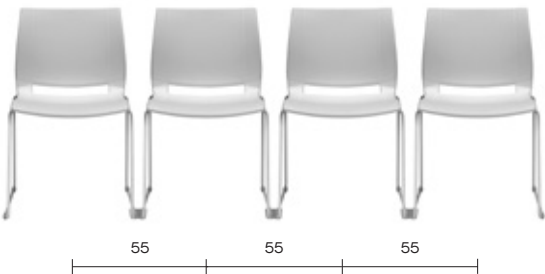
## 2020 Sled base

### Accessories

- Seat number stuck into the back  
(not for models with upholstered back pad)
- Seat number screwed to the back  
(for models with upholstered back pad)
- Plastic glides
- Felt glides
- Linking elements for plastic or felt glides



Weight: 6.5 – 8.5 kg depending on model



Linking element for glides

### Stackability

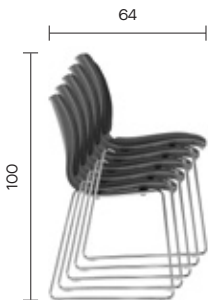
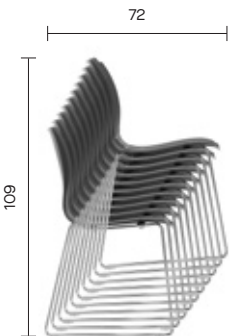
- Stackable on dolly 1011/8: 14 units
- Stackable on dolly 3980/8: 12 units
- Stackable on dolly 3880/8: 12 units

### Stacking unupholstered

- 10 units
- Height plus 3 cm per stacking side chair
- Depth plus 2 cm per stacking side chair

### Stacking upholstered

- 5 units
- Height plus 4.5 cm per stacking side chair
- Depth plus 2.5 cm per stacking side chair



<sup>1</sup> 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.

<sup>2</sup> unupholstered

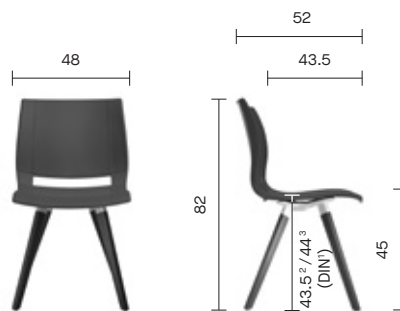
<sup>3</sup> upholstered

Dimensions in cm

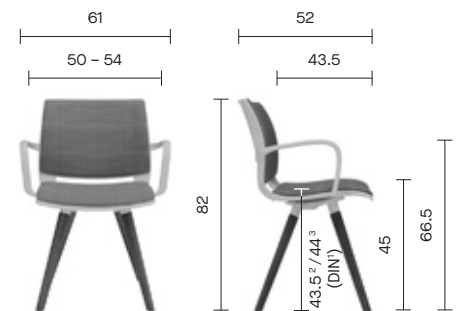
## 2080 Wooden legs

### Accessories

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



Weight: 5.5 – 7.5 kg depending on model



Weight: 6.0 – 8.0 kg depending on model

## 2000 / 2080 Bar stool

### Accessories

- Plastic glides
- Felt glides
- Metal glides (only for wooden legs)
- Protect glides (only for wooden legs)



Weight: 7.5 – 9.5 kg depending on model



Weight: 8.0 – 10.0 kg depending on model

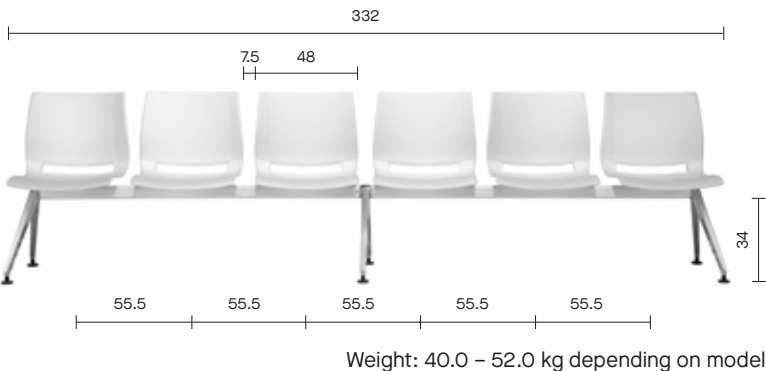
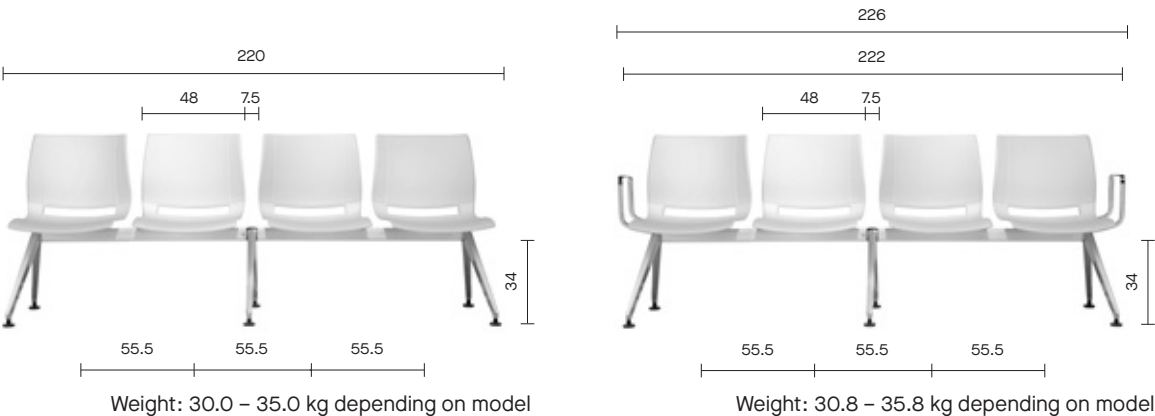
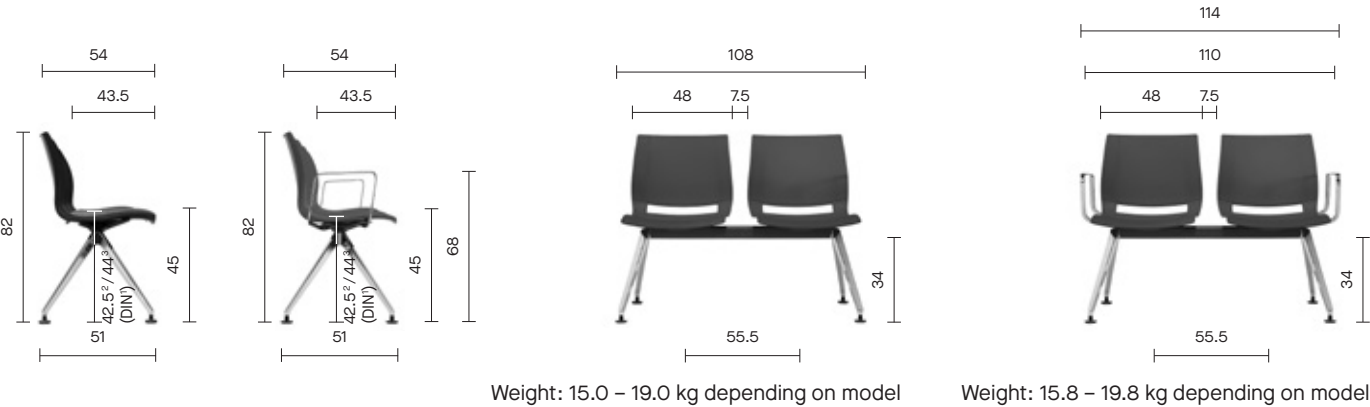


# Product data

## 2000 Bench

### Accessories

- End arms
- Back to back connection
- Wall spacers
- Floor fixation
- Plastic glides
- Plastic glides nonskid
- Felt glides
- Stainless steel cap for glides
- Custom seat height + 3 up to + 10 cm



<sup>1</sup> 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.

<sup>2</sup> unupholstered

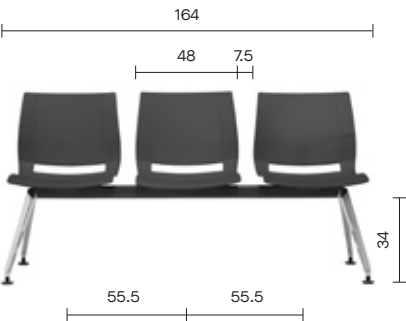
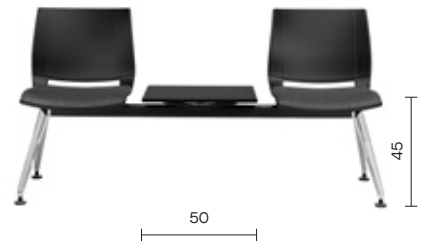
<sup>3</sup> upholstered

Dimensions in cm

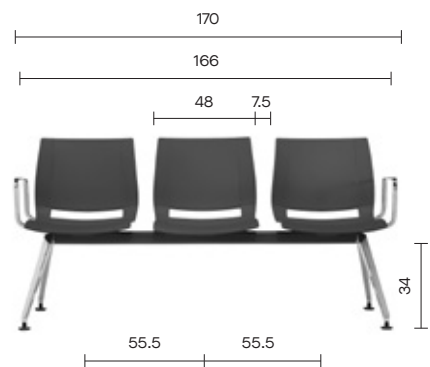
# 2000 Bench

## Accessories

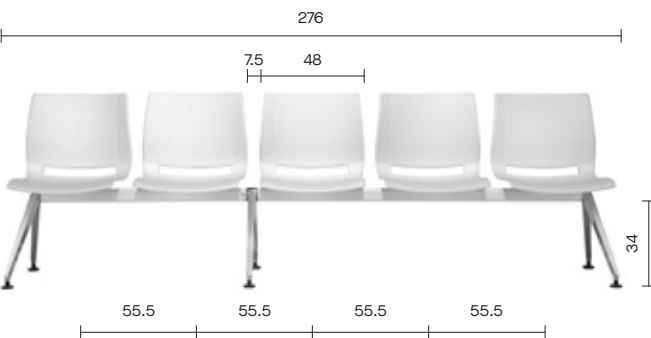
- Rectangular top instead of seat, dimensions 50 × 40 cm



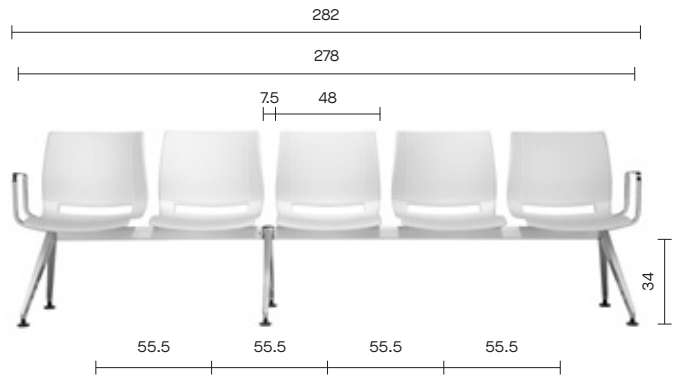
Weight: 19.0 – 25.0 kg depending on model



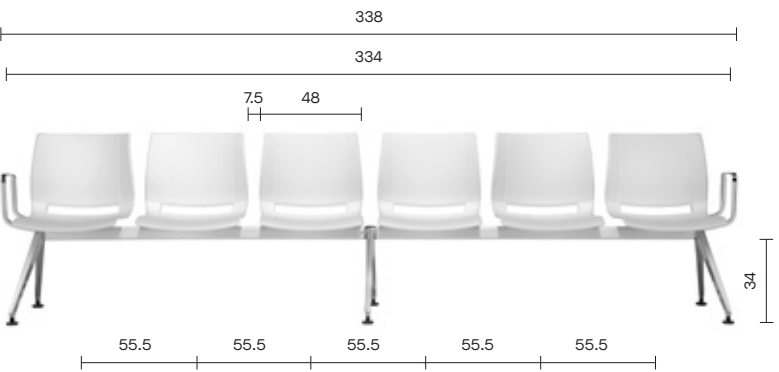
Weight: 19.8 – 25.8 kg depending on model



Weight: 35.0 – 43.0 kg depending on model



Weight: 35.8 – 43.8 kg depending on model



Weight: 40.8 – 52.8 kg depending on model

# Materials, finishes

2000\_20080 uni\_verso

### Seat shell, arms

- Ultramid® arctic, silk and stone

### Upholstery

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



### Frame, arms

- Powder coated, protective lacquer aluminium powder coated, bright chrome or satin chrome steel (four-legged frame, sled base)
- Powder coated, polished or bright chrome aluminium four-prong base
- Powder coated or polished aluminium pedestals (bench)
- Powder coated stretcher bar (bench)
- Bright chrome or satin chrome frame and footrest (bar stool)
- Arms optionally with black plastic arm pads (four-legged frame with steel arms)
- End arms powder coated, satin chrome steel or covered with black greased leather (bench)

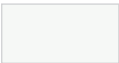
### Wooden legs

- Natural beech or stained acc. to standard collection
- Optional high-grade wood natural oak
- Powder coated leg mounting

### Tops

- Writing tablet HPL Resopal silver grey, frame bright chrome
- Rectangular bench top full core material HPL black, HPL Resopal finish Traceless TP black, low flammability, thickness 13 mm, black edges, support powder coated

### Plastic



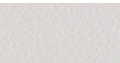
arctic  
20



silk  
35



stone  
26



silver grey  
0160-60  
for writing tablets



Traceless TP black  
0901-TP,  
low flammability,  
for bench tops



All plastic colours also  
suited for outdoor use

### Laminate HPL Resopal®



### High-grade wood



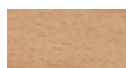
oak

### Colour hues matching our plastic colours

Colour	RAL	NCS	RESOPAL Plain Colour	PANTONE	RGB	CMYK
arctic 20	9003	S 0500-N	9417-60 snow white	–	249 / 250 / 248	1 / 0 / 2 / 2
silk 23	075 70 10	S 3005-Y20R	1500N-60 soft grey	Warm Gray 3	192 / 184 / 176	5 / 10 / 25 / 30
stone 26	000 30 00	S 7000-N	10542-60 storm	Cool Gray 11	77 / 78 / 80	15 / 10 / 10 / 80

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

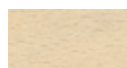
## Beech stains K



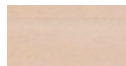
natural beech



global beech  
K 05



maple  
K 01



cream  
K 04



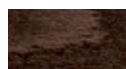
oak  
K 40



tobacco  
K 02



sienna  
K 10 (P 10)



puce  
K 11 (P 11)

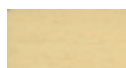
## Beech stains S



arctic  
S 42



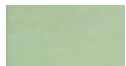
white  
S 40



salem  
S 54



pimento  
S 57



tinkerbelle  
S 55



scampolo  
S 56



midnight blue  
S 38

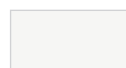


light grey  
S 39

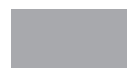


black  
S 10

## Powder coating



RAL 9003  
signal white



RAL 9006  
white aluminium  
(metallic effect)



silver aluminium  
(metallic effect)



silver 98  
(metallic effect)



DB 703  
iron mica



RAL 9005  
jet black



silk



All powder coatings also  
suited for outdoor use

## Outdoor use

The variation 2001/2 in all colours is 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. 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 and BS 5852 Crib 5.

### 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 low flammability 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 silver-bearing, anti-bacterial powder coating. The silver ions within the coating are activated upon contact with bacterial colonies, diffusing at the surface, denaturing the cell walls of the bacteria, and thus inhibiting their growth.

**kuschmed®**  
HYGIENIC-LINE



2000/2, 2000/2H,  
2000/4, 2000/4H,  
2006/4, 2006/4H

## 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 variations of the series uni\_verso are available with an optional seat height of 42 cm, 50 cm or 55 cm. On top of this, they feature stable armrests and nearly perpendicular legs, and enable an upright posture. Up to a seat height of 55 cm, the four-legged variations are capable of carrying a body weight up to 150 kg. The benches of the series 2000 uni\_verso are, next to the standard seat height of 45 cm, available with a custom seat height between 48 and 55 cm.



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 2000\_2080 uni\_verso 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.

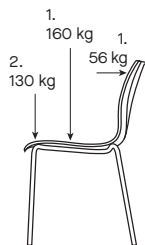
We happily make these Declarations of Conformity as well as our brochure "Mission Statement Quality" providing detailed information on our test procedures available to you – please contact us.



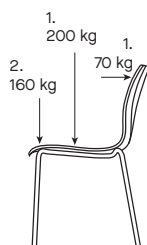
Not for 2000/0, 2001/2, 2002/0, 2005/0, 2080/0, 2080/1, 2080/3, 2082/0, 2082/1, 2082/3, 2085/0, 2085/1, 2085/3

## Static load

DIN EN 16139 Level 1  
( $\Delta$  DIN EN 13761)



DIN EN 16139 Level 2  
( $\Delta$  DIN EN 15373 Level 3)



2000 uni\_verso  
Environmental aspects

**Environmental responsibility**

Long before the production of a new series, Kusch+Co starts thinking about the possible environmental impact of the production processes and the required components.

**Sustainability**

Kusch+Co understands sustainability as the holistic, changeable and economically viable combination of environmental protection, economics and CSR, not only in terms of production, but also how we communicate with our fellow men, our staff members and partners. Sustainability cannot be measured, but it can be sensed.

**Quality assurance**

All products are tested in our own laboratory.

**Life Cycle**

**1 Materials**

- The models of series 2000 uni\_verso are free from hazardous materials (lead, mercury, PFC).
- All components of series 2000 uni\_verso comply with the legal requirements.
- Kusch+Co uses CFC and formaldehyde-free foam only for the seats.
- To the greatest possible extent, we use aqueous dispersion adhesives free from organic solvents to glue the foam pads to the seat shells.
- Smaller amounts of solvent-based adhesives are indispensable for technical reasons, however, used sparingly and the skin is recyclable.
- All plastic parts are labelled properly for recycling.
- All used products originate from sustainable, legal and verified sources.
- Series 2000 uni\_verso contains no substances included in the candidate list for restriction according to § 57 of Regulation (EC) No 1907/2006 ("REACH").

**2 Production**

**Metal coating**

The powder coating is free from volatile organic compounds (VOC) and heavy metals and therefore environmentally friendly. Our chrome plating from waste is certified by TÜV Rheinland and is environmentally friendly during the production and the service life of series 2000 uni\_verso. We do not use perfluorinated substances (PFOS) for our chrome plating, as these substances are suspected of being carcinogenic.

**Waste management**

All types of process waste (fabric remnants, foam, metal shavings) are collected by professional waste processing companies and 100% recycled. All used materials, resulting from recycling, are used to heat the factory saving precious heating.

**3 Transportation**

The transportation energy is offset by the appreciating packaging.

The packaging material is reused before it is recycled.

Kusch+Co's dual disposal system is certified by TÜV Rheinland. Approx. 20 tonnes of packaging material is recycled every year.

**4 Usage**

In order to simulate the conditions of a 10-year service life, the series 2000 uni\_verso was tested for the 20 years for Product Safety with the increased test cycles compared to the normal room tests.

A long service life is guaranteed with metal parts being interchangeable and serviceable. That is our contribution to an efficient resource management.

**5 Waste disposal**

At the end of their service life, all parts of series 2000 uni\_verso can be dismantled by our professional workers who will separate the materials correctly by type.

The models of series 2000 uni\_verso are recyclable to approx. 97%. The recyclability is exclusive of adhesives, greases, oil, small parts and screws.

## 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.

2080 uni\_verso  
Environmental aspects

**Environmental responsibility**

Long before the production of a new series, Kusch+Co starts thinking about the possible environmental impact of the production processes and the required components.

**Sustainability**

Kusch+Co understands sustainability as the holistic, changeable and economically viable combination of environmental protection, economics and CSR, not only in terms of production, but also how we communicate with our fellow men, our staff members and partners. Sustainability cannot be measured, but it can be sensed.

**Quality assurance**

In order to guarantee a constant high-level product quality, Kusch+Co is certified in accordance with the environmental management system DIN ISO 9001:2015 and the environmental management system DIN ISO 14001:2015. We offer a 5-year warranty as standard.

**Life Cycle**

**1 Materials**

- The models of series 2080 uni\_verso are free from hazardous materials (lead, mercury, PFC).
- All components of series 2080 uni\_verso comply with the legal requirements.
- Kusch+Co uses CFC and formaldehyde-free foam only for the seats.
- To the greatest possible extent, we use aqueous dispersion adhesives free from organic solvents to glue the foam pads to the seat shells.
- Smaller amounts of solvent-based adhesives are indispensable for technical reasons, however, used sparingly and the skin is recyclable.
- All plastic parts are labelled properly for recycling.
- All used products originate from sustainable, legal and verified sources.
- Series 2080 uni\_verso contains no substances included in the candidate list for restriction according to § 57 of Regulation (EC) No 1907/2006 ("REACH").

**2 Production**

**Metal coating**

The powder coating is free from volatile organic compounds (VOC) and heavy metals and therefore environmentally friendly. Our chrome plating from waste is certified by TÜV Rheinland and is environmentally friendly during the production and the service life of series 2080 uni\_verso. We do not use perfluorinated substances (PFOS) for our chrome plating, as these substances are suspected of being carcinogenic.

**Waste management**

All types of process waste (fabric remnants, foam, metal shavings) are collected by professional waste processing companies and 100% recycled. All used materials, resulting from recycling, are used to heat the factory saving precious heating.

**3 Transportation**

The transportation energy is offset by the appreciating packaging.

The packaging material is reused before it is recycled.

Kusch+Co's dual disposal system is certified by TÜV Rheinland. Approx. 20 tonnes of packaging material is recycled every year.

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The models of series 2080 uni\_verso are recyclable to approx. 97%. The recyclability is exclusive of adhesives, greases, oil, small parts and screws.

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# References

Excerpt

## Austria

- Webster Vienna Private University

## Belgium

- Residential care and nursing home De Ril, Middelkerke
- Residential care and nursing home Sint-Anna, Herentals
- Residential care and nursing home Sint-Elisabeth, Ostend
- St. Jozef Hospital, Campus Bornem

## Brazil

- Pharmaceutical Industry, São Paulo

## Germany

- Alexian Brothers Hospitals, Bassum
- AWO SANO gGmbH, Ostseebad Rerik
- BASF SE, Ludwigshafen and Dresden
- Charité - Berlin University of Medicine
- Clinic Sonnenblick, Marburg
- CSL Behring, Marburg
- Day hospital Oldenburg
- Division of Student Affairs Berlin
- Musterring, Rheda-Wiedenbrück
- Power station Straubing
- St. Antonius-Hospital Gronau
- VKKD Augusta Hospital, Düsseldorf
- Volksbank Rhein-Ruhr eG, Duisburg
- Wicker Clinic, Bad Wildungen

## Kuwait

- Amricani Cultural Centre, Kuwait City

## Netherlands

- Dunea Duin & Water, Zoetermeer

## Palestine

- Bethlehem University, Ramallah

## Slovakia

- XIMEA s.r.o., Bratislava

## United Arab Emirates

- Abu Dhabi International Airport

## USA

- Coler Goldwater Specialty Hospital & Nursing Facility, New York
- Foot Locker, Elizabeth
- J.P. Morgan, Chicago
- MetLife Stadium, East Rutherford



Charité - Berlin University of Medicine

Photography by Anke Müllerklein



XIMEA s.r.o., Bratislava

















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