RUKU1952®

RUKU1952® Beer garden table sets

Certificates

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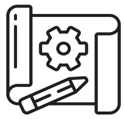
Why RUKU1952®?

Eight good reasons speak for us:

1. Own production facilities
2. Decades of experience and inventiveness
3. Real premium quality of the products
4. Wide product range with personalisation options
5. International certifications and patents
6. Fast and reliable delivery
7. Comprehensive customer service and on-site contacts
8. Sustainable corporate culture



PRODUCER

MADE IN EUROPE

We are tested and we test ourselves.
Constantly.

Every single set that leaves our warehouse is subjected to strict quality control beforehand. At regular intervals, we also subject our products to a wide range of endurance tests and the inspections of official testing bodies such as TÜV-SÜD.

Warranty services

Therefore, we guarantee with a clear conscience...

- 10-year warranty on spare parts deliveries
- 10-year warranty on the functionality of the underframes
- 2-year manufacturer's warranty

Certificates And Test Reports

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 046481 0018 Rev. 00

Certificate Holder: **ZINGERLE GROUP SPA**
Foerche 7
39040 Naz-Sciaves (BZ) ITALY

Test Mark:

Product: **Beer garden table sets**

The product has been tested for compliance with the essential requirements on a voluntary basis and can be labelled with the test mark shown above. Changing the representation of the test mark is not permitted. The passing on of a certificate by the certificate holder to third parties is not permitted. The certificate is valid until the specified date unless it is cancelled earlier. All applicable requirements of the TÜV SÜD Group Testing and Certification Regulations must be fulfilled. For details please see: www.tuvsud.com/ps-zert

Test report no.: 028-713209708-001

Valid until: 2026-09-09

Date, 2021-09-16

Andreas Hüsam

(Andreas Hüsam)

TÜV®

TÜV SÜD Product Service GmbH - Certification Body - Ridlerstraße 65 - 80339 Munich - Germany

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Note: this is not an original certificate, but merely an English translation of the original German document. The original certificate can be accessed by scanning the QR code.

ZINGERLE GROUP

MASTERTENT ECOTENT RUKU1952

Declaration regarding the REACH Regulation

Dear Sir or Madam,

The Eruopean Chemicals Agency ECHA has published a Candidate List of substances of very high concern for Authorisation that met the criteria of Article 57 of the REACH regulation, in accordance with Article 59(10) of the REACH Regulation (http://echa.europa.eu/chem_data/candidate_list_table_en.asp).

By the present letter we confirm that none of the substances contained in the "candidate list" are used for our products.

Our company also does not import any of the mentioned substances in a ratio of more than 1t/year. As a trading company, it is our duty to ensure that our suppliers also comply with the REACH regulation. We have obtained and received information on this from all suppliers.

As stated in the safety data sheets, we rely on the information provided by our suppliers regarding information and risk control. We commit ourselves to inform our customers about changes at any time in order to guarantee the safety of the products distributed by us.

Best regards

Georg Zingerle
CEO ZINGERLE GROUP AG

ZINGERLE GROUP SpA
BZ-39040 Naz-Sciaves | **T** +39 0472 977 100 | **E** global@zingerle.group | info@pec.zingerle.group
HK BZ-127327 | SDI-Kodex T04ZHR3 | Partita Iva/C.F. IT 01533450217 | Capitale Sociale 1 Mio. Euro i.v. | **www.zingerle.group**

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Investigation Report
Based on the LFGB (German Food, Commodities and Feed Code)

Dedepol UV roller coating 4034
Dedepol UV roller coating 4058
Dedepol UV roller coating 4060

UV glazes in the 4034, 4058 and 4060 series are essentially composed of a mixture of special acrylic resins, waxes and photoinitiators.

The internal review of the paint formulation based on the technical data sheets and safety data sheets for the individual raw materials showed that the composition after UV curing is a substance that is harmless to health as defined by the LFGB.
UV curing must be carried out with HTQ lamps with a minimum arc length of 80 w/cm and a maximum feed rate of 6 m/min lamp.

The coating structure fulfils the DIN EN 71 Part 3 standard (children's toys).
These paints are free from harmful substances such as formaldehyde, PCB, PCP, lindane and heavy metals.
The 15th Ordinance amending the Consumer Goods Ordinance of 13.05.2018 (ban on carcinogenic azo dyes in consumer goods) is also complied with.

According to relevant experience, professionally manufactured and cured surfaces do not produce any further emissions after the solvents normally used have evaporated, and therefore do not pose any health risks.

There are therefore no objections within the meaning of the LFGB to the use of UV glazes from the 4034, 4058 and 4060 series for coating articles of daily use that are intended for no more than short-term contact with foodstuffs. Foodstuffs must not be adversely affected - either directly or indirectly - by the finished products.

The assessment was only carried out for the professionally applied coating on a food-neutral substrate and taking into account that the processing instructions according to the technical data sheet of the series mentioned are observed.
January 2016

Development of industrial coatings for wood

Application Technology

Notice
This information is of an advisory nature and is based on the best of our knowledge and careful investigations in accordance with the current state of the art. No legal obligation can be derived from this information. Please also refer to our terms and conditions.

Beer table sets coated with Dedepol UV roller paint series 4034 in nano technology

Dedepol UV roller paints of the 4034 series are modern, high-quality, layer-forming coating materials for wood surfaces.

Closed-pore to semi-open-pore sealing of the wood surface is achieved. With careful processing and after appropriate ageing, good weather-resistant surfaces are achieved, constructive wood protection preserves the „life“ of the coating in this case.

Dedepol UV roller paints of series 4034 are specially formulated paint systems for processing on industrial paint lines. The wood anchoring and the wood firing are optimised. Due to the raw materials contained and the appropriate processing technology, good water vapor diffusion of the dried and cured paint layers is achieved. Moisture infiltration is thus minimised. Please refer to the recommendations on coating build-up in the technical data sheets.

Dry film layers < 35 µm result in very durable coatings on softwoods even for non-dimensionally stable exterior applications.

The transparent, glazing coloration of all applied paint layers achieves improved protection against solar radiation.

- A surface finish with increased scratch resistance is achieved by the final coating with Dedepol UV roller paint and nanoscale solid particles.

- The botanist W. Bartholtt discovered that the lotus flower is never wetted by water and is completely dirt-repellent. The micro-roughness of the surface finish makes the contact area with dirt particles extremely small. This means - „simplest cleaning“.

- Long-term effects are obtained by the solid incorporation of nanoscale solid components into the UV matrix.

- The paint industry is intensively addressing issues related to the possible release of nanoparticles from coating surfaces. In an extensive investigation program at the Technical University of Dresden, the extent to which nanoparticles can be released from paint surfaces was tested. Two studies have been conducted so far comparing conventional paints with „nano paints“. On the one hand, the everyday stress on paint surfaces in the household was investigated, and on the other hand, a sanding process.

As a result, both studies found:

- There are no differences in terms of nanoparticle release from these exposures between conventional paints and nano paints.
- The number of nanoparticles released is extraordinarily small.
- The added nanoparticles are firmly embedded in the binder matrix of the paint.
- Any nanoparticles that are released are fragments from the binder matrix.
- There are no indications of a possible hazard to human health or the environment.
- The studies of the University of Dresden have been published.

- Nanotechnology contains many advantages and enormous opportunities. Nevertheless: Safety and health come first, so every effort must be made to conduct the necessary investigations. The paint industry is working intensively on this. The research work at the Technical University of Dresden on the conditions and mechanisms of the release of nanoparticles from paint surfaces is continuing.

  (Bibliography: German Paint Institute Internet site)

The selected raw material combinations of the paint, which are processed according to the specifications in the relevant technical data sheets, are adapted to the requirements of intermittent outdoor weathering.

UV curing of the paint layer results in a three-dimensional cross-linking character and thus the surface does not exhibit thermoplasticity, even at higher summer temperatures (hanging clothes, leaves, paper napkins, etc.).

Dedepol UV roller paints do not contain volatile solvents and are not subject to EU Directive 99 „VOC Emissions“. In addition, a 100% coating process without losses is used by roller application. No paint waste is generated. Due to low application quantities and a nevertheless closed, resistant surface and the fast full curing with high-energy UV radiation, fast parts availability (readiness for delivery) is achieved.

The paint system used does not contain biocides or other wood preservatives. After careful processing and curing, surfaces are obtained that comply with EN 71 and 20. Ordinance amending the Consumer Goods Ordinance of 7 February 2011 (ban on carcinogenic azo dyes in consumer goods).

Please take into account that beer table sets are only used seasonally, so during the winter months, they are stored in places protected from rain and moisture and ventilated.

We have had very good experience with this technology for years, so that in normal use, the service life is increased compared to tables coated with glazes. In addition, no discolouration is observed in industrially produced, UV-coated tables and benches.

Cleaning of semi-closed-pore table surfaces is much more hygienic and also easier than with open-pore glaze.

The service life of the table sets is mainly determined by the way of use and intermediate storage. Renovation painting is required between 2 and 5 years.

[redacted] 25 April 2014

[redacted]

[redacted]
Laboratory Manager

Bauaufsichtlich anerkannte Prüf-, Überwachungs- und Zertifizierungsstelle
Prüfstelle für Feuerlöschmittel und -geräte
DIN EN ISO/IEC 17025 D-PL-17819-01-00
DIN EN ISO/IEC 17065 D-ZE-17819-01-00
DIN EN ISO/IEC 17020 D-IS-17819-01-00
ZLS-GS-0130
Notified Body no. 0767

MPA Dresden

Prüfzeugnis

Test certificate

Nr./*No.* 20201103/01.1

Auftraggeber: *Sponsor:*	ZINGERLE GROUP AG Förche 7 39040 Natz-Schabs; Italien
Hersteller: *Manufacturer:*	[redacted]
Produktname: *Product name:*	Firelock
Inhalt: *Content:*	Prüfung des Brandverhaltens nach DIN 4102-1:1998-05 zum Nachweis der Baustoffklasse B1 *reaction to fire test acc. to DIN 4102-1:1998-05 to the proof of the building material class B1*
Erstellt von: *Prepared by:*	MPA Dresden GmbH Fuchsmühlenweg 6 F 09599 Freiberg; Deutschland Akkreditierte Prüfstelle nach DIN EN ISO/IEC 17025 *Accredited testing laboratory acc. to DIN EN ISO/IEC 17025* D-PL-17819-01-00
Ausgabe/Datum: *Issue/date:*	1. Ausgabe vom 04.11.2020 *First issue dated 2020-11-04*
Berichtsumfang: *This report comprises:*	10 Seiten und 1 Anlage *10 pages and 1 annex*
Hinweis: *Information:*	Dieses Prüfzeugnis wurde zweisprachig (deutsch/englisch) erstellt. In Zweifelsfällen ist der deutsche Wortlaut maßgeblich. *The test certificate is produced bilingual (German and English). In case of doubt the German wording is valid.*

Eine auszugsweise Vervielfältigung und Veröffentlichung von Berichten bedarf in jedem Einzelfalle der schriftlichen Genehmigung der MPA Dresden GmbH. Die einzelnen Blätter sind mit dem Firmenstempel der MPA Dresden GmbH versehen.
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Steuernummer: 220/114/03364
USt-IdNr. DE291271296

Sparkasse Mittelsachsen
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09599 Freiberg
IBAN DE68 870520003115024672
BIC WELADED1FGX

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EXCERPT

1 Allgemeines
General information

Produktname: Firelock
Product name:

Prüfungsumfang: Prüfung des Brandverhaltens nach DIN 4102-1:1998-05[1] Abschnitt 6.1
Extent of testing: *Reaction to fire test acc. DIN 4102-1:1998-05[1] paragraph 6.1*

Prüfungsgrundlagen:
Test basis:

- DIN 4102-1:1998-05
- DIN 4102-15:1990-05[2] und/*and* DIN 4102-16:2015-09[3]
- Zulassungsgrundsätze für den Nachweis der Schwerentflammbarkeit von Baustoffen (Baustoffklasse B1 nach DIN 4102-1:1998-05) in der zur Zeit gültigen Fassung
  Principles of permission for the proof of the flame-retardance from building materials (building material class B1 according to DIN 4102-1:1998-05) in the at present valid version

5 Beurteilung
Evaluation

Alle Proben bestanden die Brennkastenprüfung nach DIN 4102-1:1998-05 Abschnitt 6.2 für die Baustoffklasse B2.
All samples passed the "small flame test" acc. to DIN 4102-1:1998-05 section 6.2 for the building material class B2.

Die Brandschachtprüfung nach DIN 4102-1:1998-05 Abschnitt 6.1.2.2 wurde von den Proben bestanden. Auf die Durchführung weiterer Versuche wurde verzichtet, da die Restlänge bei allen Proben > 45 cm betrug.
The "Brandschachtprüfung" acc. to DIN 4102-1:1998-05 sec. 6.1.2.2 was existed by the samples. Further tests were not made because the remaining length for all samples was > 45 cm.

Es fielen keine Probenteile brennend ab. Damit gilt das Produkt nach DIN 4102-1:1998-05 und DIN 4102-16:2015-09 als nicht brennend abtropfend.
Sloping parts were not burning. The material is regarded as not burning dripping off according to DIN 4102-1:1998-05 and DIN 4102-16:2015-09.

Damit genügt der in den Abschnitten 1 und 2 beschriebene Baustoff den Anforderungen an schwerentflammbare Baustoffe der Baustoffklasse B1 nach DIN 4102-1:1998-05.
Thus the building material described in the sections 1 and 2 is sufficient for the requirements to flame resistant building materials of the building material class B1 according to DIN 4102-1:1998-05.

Freiberg, den 04.11.2020

i.V.

Dr.-Ing. A. Meißner
Prüfstellenleiter Brandschutz
Laboratory Manager

T.

Dipl.-Ing. T. Großer
Prüfingenieur
Test Engineer

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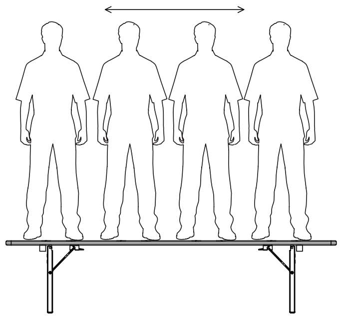
EXCERPT

Test Report | FE Analysis Table and Bench Base

We have decided to develop a more stable and even sturdier underframe for our tables and benches:

- With stiffening ribs in the cross braces, which means additional diagonal stiffening.
- With a slight trapezoidal shape and consequently wider support on the ground, which means greater stability. Thus, the table and bench are sturdier on any floor.
- With a C-profile, which has a leg height of 35 mm and replaces the angular steel with its leg height of 30 mm.

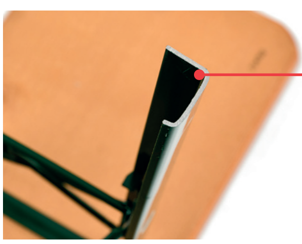


In the FE analysis, the previous underframe was compared with the new underframe. The table or bench legs were clamped tightly for this purpose at the top and at the snapper. A force F acts from the outside at the bottom. This calculation method simulates swaying in the longitudinal direction.
The two underframe variants were analysed with the same force. The tables with 900 N (90 kg) and the benches with 1,200 N (120 kg). In the calculation, the force F of 900 N or 1,200 N was used, since with the previous angular profiles, the limit of the yield strength* is already exceeded at this force.

** The yield strength of a material refers to the stress (load) at which the material returns to its original shape after being relieved of load (no permanent deformation). If the yield strength is exceeded, we have permanent deformation of the material after unloading.*

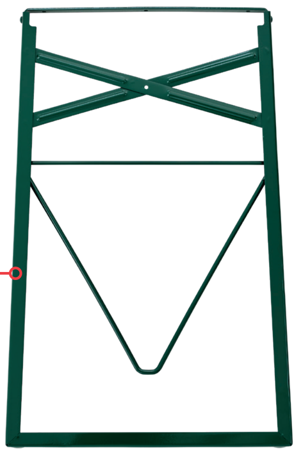
Result:

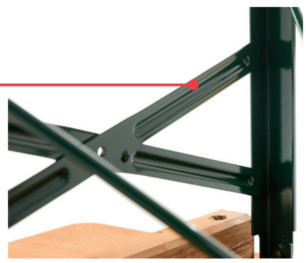
Due to the new design, the table and bench base show an improvement in stability by more than 20%.
Specifically, this means that in the case of the table base, the frame with the C-profile deflects much less than the frame with the previous angular profile.
In the case of the bench base, the calculation showed approximately the same deflection for both variants with the same application of force. However, much less tension occurred in the base with the C-profile. This means that the base with the C-profile could still be loaded with much more force than the 1,200 N.



Reinforced C-profile

Patented



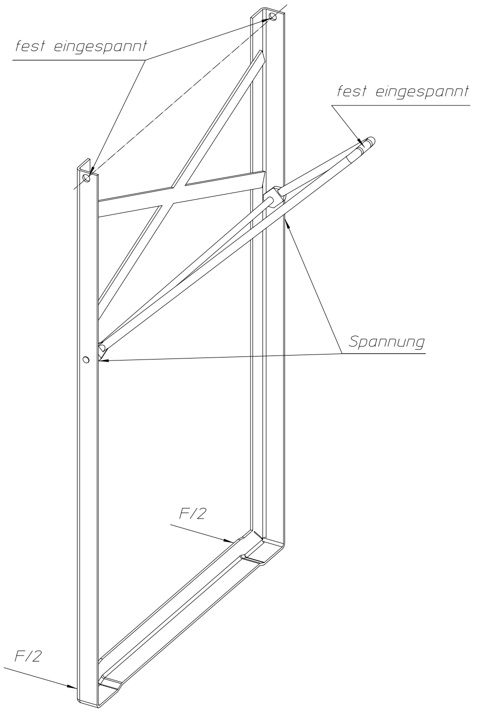


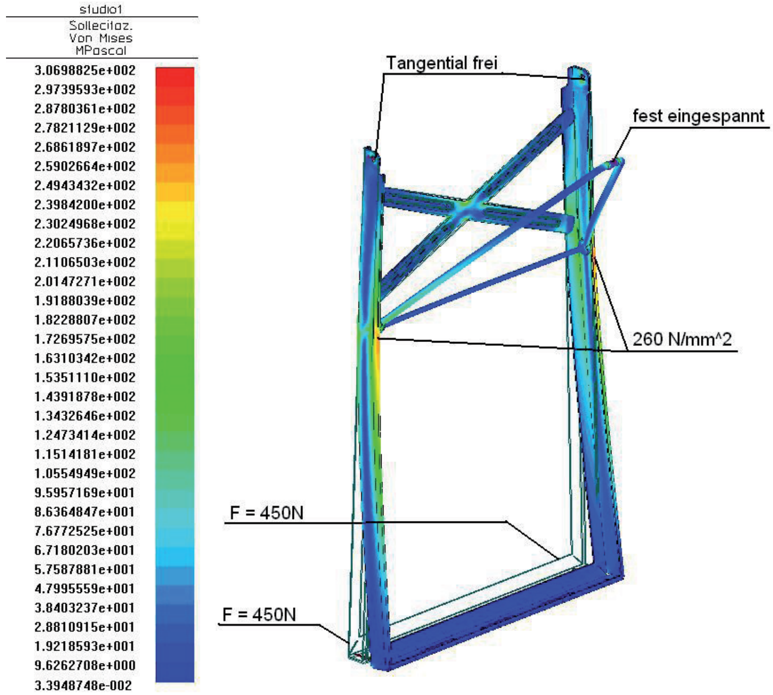
Stiffening ribs in the cross braces

Trapezoidal underframe

Patented

Analysis (comparison) table base of angular and C-profile





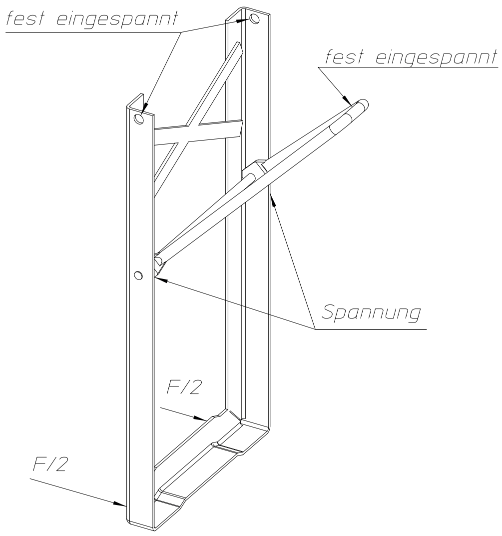
FEM table base - C-profile 25x35x8x2 tensions
Material S275 (Fe430) | F= 900 N

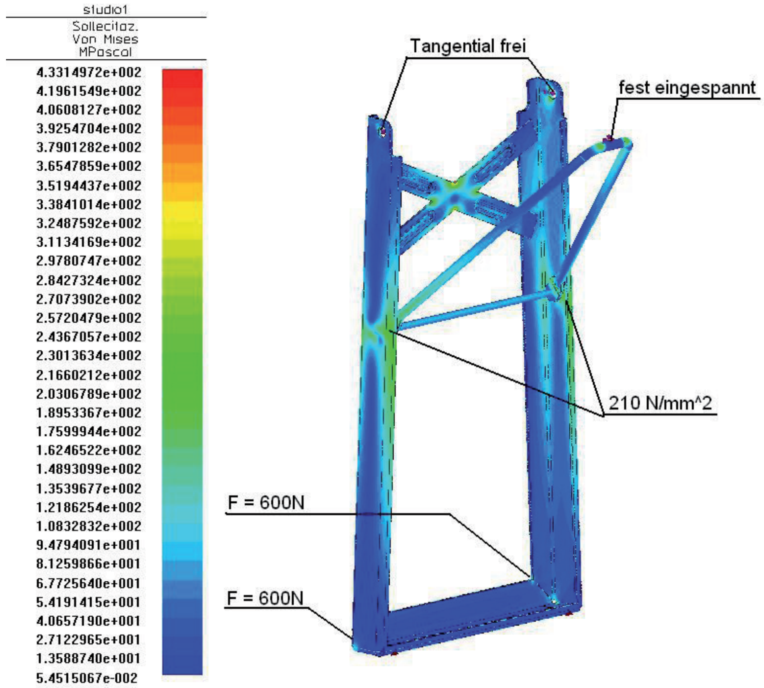
Profile	Force F	Material	Yield strength*	Tension	Deformation
Angular profile 30x30x3 mm	900 N	S275 (Fe 430)	275 N/mm²	350 N/mm²	10 mm
C-profile 25x35x8x2 mm	900 N	S275 (Fe 430)	275 N/mm²	260 N/mm²	7.66 mm
Improvement				**25.71%**	**23.40%**

The table base with the C-profile has much better properties.

- The deflection is 2.34 mm better, i.e. 23.40%.
- Due to the application of force, the C-profile absorbs a stress of 260 N/mm².
  The angular profile, on the other hand, absorbs a stress of 350 N/mm².
- The table base with the C-profile has a 25.71% higher stability at the same application of force.

Analysis (comparison) bench base of angular and C-profile





FEM bench base - C-profile 25x35x8x2 tensions
Material S275 (Fe430) | F= 1200 N

Profile	Force F	Material	Yield strength*	Tension	Deformation
Angular profile 30x30x3 mm	1200 N	S275 (Fe 430)	275 N/mm²	270 N/mm²	3 mm
C-profile 25x35x8x2 mm	1200 N	S275 (Fe 430)	275 N/mm²	210 N/mm²	2.76 mm
Improvement				**22.22%**	**8.00%**

The bench base with the C-profile has much better properties.

- The deflection is 0.24 mm better, i.e. 8.0%.
- Due to the application of force, the C-profile absorbs a stress of 210 N/mm².
  The angular profile, on the other hand, absorbs a stress of 270 N/mm².
- The bench base with the C-profile has a 22.22% higher stability at the same application of force.

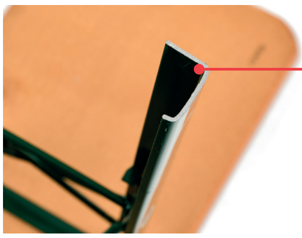
Test Report | Static Check of the Underframe “Legroom”

Dimensions	Deformation under stress Value X	Permanent deformation Value X
Classic underframe	47 mm	10 mm
Underframe "legroom	51 mm	0 mm

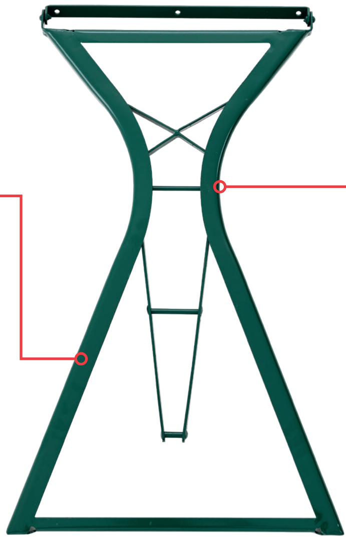
Load assumption: F = 1,000 N

Result:

The underframe "legroom" has better spring-back than the classic underframe due to the use of a higher profile wall thickness (2.6mm compared to 2.0mm for the classic underframe).
No permanent deformation is visible in the underframe "legroom".



Reinforced C-profile
Patented



Underframe "legroom”
Patented

Facilitates sitting and comfort

SV Cert.

Reg. No. 661/Q-082

CERTIFICATE

No. 998-QMS-24

Hereby we certify that the Management System of

ZINGERLE GROUP SPA

Via Foerche, 7 - 39040 - Naz-Sciaves (Bolzano, Italia)

Operating Offices:
Via Foerche, 7 - 39040 - Naz-Sciaves (Bolzano, Italia)

Is according to:
Quality Management Systems

ISO 9001:2015

for the following scope:

Design and production of gazebos, banches and folding outdoor tables.

EA Code	First Issue Date	Date of modification	Certificate expiration date
EA 17	25/05/2021	20/05/2024	25/05/2027

SV Cert. Group

For the Certification Body
SV Certification Sro

(Gaetano Spera CEO SV CERT.)

The validity of the certificate is subject to periodic annual surveillance and a complete review of the System every three years. The use and validity of this certificate are subject to compliance with the Certification Regulations of SV Certification..

SV CERTIFICATION Sro, HQ: Karadžičova 8A Bratislava
Mestská Casť Ružinov 821 08 – SLOVAKIA
Info & Contact: svcertification.com – info@svgroupcert.ch

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Certificate

For the Reforestation of Romanian Forests

The ***authority Composesorat Kozbirtokossag Zetea***
located in the commune of Zetea no. 272,
county of Harghita

hereby confirms

the reforestation of 2.5 ha in 2021

in collaboration with ***Mastertent® Zingerle SpA***
located in Naz-Sciaves, Italy.

Many thanks for your support!

SOCIETATEA COMERCIALĂ
CUI: RO15561729
CETATE PRODUCTION SRL
Sat SUBCETATE
Com. ZETEA
HARGHITA-ROMÂNIA

The president Szabó Imre

Certificate | Green Dot

DerGrünePunkt

CERTIFICATE

OF ENVIRONMENT

BY PARTICIPATING IN OUR DUAL SYSTEM FOR RECYCLING OF SALES PACKAGES,
THE COMPANY

Zingerle Group Deutschland GmbH
89257 Illertissen

CONTRIBUTED TO THE FOLLOWING SAVINGS IN 2024

CO_2-EQUIVALENTS	**5,325 kg**
PHOSPHATE EQUIVALENTS	**30 kg**
PRIMARY ENERGY	**272 GJ**
SULFUR DIOXIDE EQUIVALENTS	**37 kg**

This quantity corresponds approximately to the CO_2 emissions filtered from the air by 5,325 m^2 forest in one year.

Calculation basis: Environmental balance Der Grüne Punkt 2023, scientifically created by IFEU Heidelberg

05.02.2025
Date

Mark Vester
Managing Director

Jörg Deppmeyer
Managing Director

Eco Certificate for 2024 Duales System Deutschland GmbH

1/1

ZINGERLE
GROUP

ZINGERLE GROUP SPA
Via Foerche 7
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www.zingerle.group