

FEILI GROUP(FUJIAN) CO., LTD  
 NO.46 XINXIN ROAD ECONOMIC DEVELOPMENT ZONE (WULI PARK) JINJIANG,QUANZHOU,FUJIAN,CHINA

Sample Description : COSCO PREMIUM VINYL PADDED METAL FOLDING CHAIR  
 Item No. : 14993BLK4EEU  
 Dorel Ref. No. : 14993BLK4EEU  
 Client Reference Information : Item No.: 14993BLK4EUK  
 Dorel Ref. No.: 14993BLK4EUK  
 Buyer : DOREL HOME EUROPE  
 Manufacturer : FEILI GROUP(FUJIAN) CO., LTD  
 Supplier : FEILI GROUP(FUJIAN) CO., LTD  
 Country of Origin : CHINA  
 Country of Destination : EUROPE,UNITED KINGDOM

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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Sample Receiving Date : Dec 16, 2025  
 Test Performing Date : Dec 17, 2025 to Dec 24, 2025  
 Test Performed : Selected test(s) as requested by applicant

**Test Result Summary**

No.	Test(s) Requested	Result(s)	Comments
1	BS EN 12520:2024, excluding information for use	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

*Marco Leung*

Marco Leung  
 Authorized Signatory

Scan to see the report



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**TESTS AND RESULTS**

**Test Conducted:**

BS EN 12520:2024 Furniture - Safety, strength and durability – Requirements for domestic seating, excluding information for use.

**No. of Sample:**

1 piece (Sample #1). For more sample information and pictures, please refer to the following page.

Test and Requirements	Test Results
<b>5 Safety, strength and durability</b>	
<b>5.1 General safety requirements</b>	
<p><b>5.1.1 General</b>                      The seating shall be designed so as to minimize the risk of injury to the user. All parts of the seating with which the user comes into contact during intended use when the seating is positioned in its intended configuration of use shall be designed so that physical injury and damage are avoided.                      This requirement is met when:                      a) the edges and corners of the seating which are directly in contact with the user are rounded or chamfered;                      b) all other edges and corners accessible during intended use are free from burrs and/or sharp edges.                      Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.                      Load bearing parts of the seating shall not become loose unintentionally.                      All parts that are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.</p>	PASS
<p><b>5.1.2 Holes in tubular or rigid components</b>                      There shall be no holes in the ends of tubular components or holes in rigid components in accessible parts between 7 mm and 12 mm, unless the depth of penetration is less than 10 mm. This requirement is fulfilled if there is no hazard present when tested in accordance with C.1.</p>	PASS
<b>5.1.3 Shear and compression points</b>	
<p><b>5.1.3.1 General</b>                      The requirements contained within 5.1.3.2, 5.1.3.3 and 5.1.3.4 do not apply to electrically operated furniture.</p>	
<p><b>5.1.3.2 Shear and compression points when setting up and folding</b>                      Unless 5.1.3.3 or 5.1.3.4 are applicable, shear and compression points that are created only during setting up and folding are acceptable, because the user can be assumed to be in control of their movements and to be able to cease applying the force immediately upon experiencing pain.                      The edges of parts moving relative to each other and creating shear and compression points shall be as specified in 5.1.1.</p>	PASS



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Test and Requirements	Test Results
<p><b>5.1.3.3 Shear and compression points under influence of non-electrically powered mechanisms</b>                      With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 25 mm, and more than 8 mm in any position during movement that could present a risk of injury to the user, created by parts of the furniture operated by non-electrically powered mechanisms, e.g. mechanical springs and gas lifts.                      This requirement is fulfilled if there is no hazard present when tested in accordance with C.2.3.</p>	<p>N/A</p>
<p><b>5.1.3.4 Shear and compression points during use</b>                      With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 18 mm, and more than 8 mm in any position that could present a risk of injury to the user, created by loads applied during normal use, e.g. attempting to move the seating by lifting the seat or by adjusting the back rest when a person is sitting in the product.                      The loads used for durability tests within Table 1 are considered representative of normal use.                      This requirement is fulfilled if there is no hazard present when tested in accordance with C.2.3.</p>	<p>PASS</p>
<p><b>5.2 Stability</b>                      The seating shall fulfil the relevant requirements of EN 1022:2023 after having completed the relevant tests listed in Table 1.                      In the case of seating, which might not fulfil the stability requirements before carrying out any tests, the applicable stability tests may be carried out before starting the sequence of tests specified in Table 1.</p>	<p>PASS                       See details in the following pages.</p>
<p><b>5.3 Strength and durability</b></p> <p>a) The product shall comply with the applicable requirements in 5.1 before and after testing according to 5.3.                      b) If the minimum forces given in any of the tests in Table 1 which are applicable, are not achieved, the product shall be considered to have failed the requirements.                      c) there are no fractures of any member, joint or component;                      d) there is no loosening of joints intended to be rigid;                      e) seating fulfils its functions after removal of the test loads;                      f) seating fulfils the stability requirements (5.2).</p>	
<p><b>5.3.1 Seat static load and back static load test (EN 1728:2012, 6.4)</b>                      Seat force: 1,300 N                      Back force: 450 N                      Minimum back force: 410 N                      Load applied to seats not being tested: 750 N                      Cycles: 10</p>	<p>PASS</p>
<p><b>5.3.2 Seat front edge static load test (EN 1728:2012, 6.5)</b>                      Load: 1300 N                      Load applied to seats not being tested: 750 N                      Cycles: 10</p>	<p>PASS</p>
<p><b>5.3.3.1 Foot rest static load test (EN 1728:2012, 6.8)</b>                      Force: 1000 N                      Minimum seat force: 750 N                      Cycles: 10</p>	<p>N/A</p>



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Test and Requirements	Test Results
<b>5.3.3.2 Leg rest static load test (EN 1728:2012, 6.9)</b> Force: 1000 N Minimum seat force: 750 N Cycles: 10	N/A
<b>5.3.4 Arm rest sideways static load test (EN 1728:2012, 6.10)</b> Force: 300 N Cycles: 10	N/A
<b>5.3.5 Arm rest downwards static load test (EN 1728:2012, 6.11)</b> Force: 750 N Cycles: 10	N/A
<b>5.3.6 Combined seat and back durability test (EN 1728:2012, 6.17)</b> Seat force: 1000 N Back force: 300 N Load applied to seats not being tested: 750 N Cycles: 25000	PASS
<b>5.3.7 Seat front edge durability test (EN 1728:2012, 6.18)</b> Force: 800 N Cycles: 20000	PASS
<b>5.3.8 Seat side-to-side durability test (EN 12520:2024, Annex A)</b> Force: 1100 N Cycles: 10000 Minimum force: 800 N	N/A
<b>5.3.9 Arm rest durability test (EN 1728:2012, 6.20)</b> Force: 400 N Cycles: 10000	N/A
<b>5.3.10 Leg forward static load test (EN 1728:2012, 6.15)</b> Horizontal force: 400 N Seat load: 1000 N Cycles: 10	PASS
<b>5.3.11 Leg sideways static load test (EN 1728:2012, 6.16)</b> Horizontal force: 300 N Seat load: 1000 N Cycles: 10	PASS
<b>5.3.12 Seat impact test (EN 1728:2012, 6.24)</b> Drop height: 180 mm Cycles (fixed seat height): 10 Cycles (adjustable seat height): 5 in highest position and 5 in lowest position	PASS
<b>5.3.13 Backward fall test (EN 1728:2012, 6.28)</b> Number of impacts: 5	PASS
<b>5.3.14 Back impact test (EN 1728:2012, 6.25)</b> Height of fall: 120 mm or angle: 28° Cycles: 10	N/A
<b>5.3.15 Durability of electrically operated seating products (EN 13759:2012)</b> Cycles: 5000	N/A
<b>Stability tests details</b> The seating shall fulfil the relevant requirements of EN 1022:2023 after having completed the relevant tests listed in Table 1.	



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Test and Requirements	Test Results
<b>EN 1022: 2023, 7 Test methods for assessing stability of all seating except loungers</b> The stability tests defined in Clause 7 are not applicable to seating which has both the height of the seat loading point < 200 mm and a mass < 5 kg. When tested according to 7.3 and 7.4, the seating shall not overturn.	
<b>EN 1022: 2023, 7.3.1 Forwards overturning</b> $F_1 = 600\text{ N}$ $F_2 = 20\text{ N}$ For seating with multiple seats simultaneously apply the forces at the two positions most likely to cause overturning.	PASS
<b>EN 1022: 2023, 7.3.2 Forwards overturning for seating with foot rest</b> $F_1 = 1100\text{ N}$ (single column seats) or $600\text{ N}$ (all other seating) $F_2 = 20\text{ N}$	N/A
<b>EN 1022: 2023, 7.3.3 Corner stability test</b> $F_1 = 300\text{ N}$ For seating with multiple seats apply a force $F_1 = 300\text{ N}$ at the loading point on one outside seating position.	PASS
<b>EN 1022: 2023, 7.3.4 Sideways overturning, all seating without arm rests</b> $F_1 = 600\text{ N}$ $F_2 = 20\text{ N}$	PASS
<b>EN 1022: 2023, 7.3.5 Sideways overturning, all other seating</b> This test is applicable to all seating with arms, or where the top edge of the seat on the transverse plane is more than 50 mm above the height of the seat loading point (A).	
<b>EN 1022: 2023, 7.3.5.2 Seating with arm rests</b> $F_1 = 250\text{ N}$ $F_2 = 350\text{ N}$ $F_3 = 20\text{ N}$	N/A
<b>EN 1022: 2023, 7.3.5.3 Seating with raised edges</b> $F_1 = 250\text{ N}$ $F_2 = 350\text{ N}$ $F_3 = 20\text{ N}$	N/A
<b>EN 1022: 2023, 7.3.6 Rearwards overturning all seating with back rests</b> $F_1 = 600\text{ N}$ $H \geq 720\text{ mm}$ , $F_2 = 80\text{ N}$ ; $300\text{ mm} \leq H < 720\text{ mm}$ , $F_2 = 0.2857(1000 - H)$ ; $H < 300\text{ mm}$ , $F_2 = 200\text{ N}$ .	PASS
<b>EN 1022: 2023, 7.4 Additional test procedures for seating with reclining back rests</b>	
<b>EN 1022: 2023, 7.4.2 Tilting seating</b> Load the seat with the 13 (single column seats) or 11 (all other seating) loading discs so that the discs are firmly settled against the back rest.	N/A
<b>EN 1022: 2023, 7.4.3 Reclining seating with leg rest</b> Number of discs – back: 8 Number of discs – leg rest: 3	N/A
<b>EN 1022: 2023, 7.4.4 Reclining seating without leg rest</b> Number of discs – back: 8 Number of balancing discs: 3	N/A
<b>EN 1022: 2023, 7.4.5 Rearwards stability test for rocking chairs</b> Number of discs: - (single column seats) or 8 (all other seating) Move the chair forwards as far as is practicable or until the back is vertical. Allow the chair to rock rearwards freely under gravity.	N/A



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Test and Requirements	Test Results
<p><b>EN 1022: 2023, 8 Loungers</b>                      The stability tests defined in Clause 8 are not applicable to loungers which have both a seat height &lt; 200 mm and a mass &lt; 5 kg.                      When tested according to 8.3, the seating shall not overturn.</p>	
<p><b>EN 1022: 2023, 8.3.1 Forwards overturning</b>  <math>F_{B,3} = 600\text{ N}</math>  <math>F_{B,4} = 20\text{ N}</math></p>	N/A
<p><b>EN 1022: 2023, 8.3.2 Sideways overturning</b>  <math>F_{B,1} = 600\text{ N}</math>                      If the arm rest is more than 400 mm in length apply additional vertical force <math>F_{B,2} = 250\text{ N}</math> in the centre of the arm rest.</p>	N/A
<p><b>EN 1022: 2023, 8.3.3 Rearwards stability – Upright position</b>  <math>F_1 = 600\text{ N}</math>  <math>H \geq 720\text{ mm}</math>, <math>F_2 = 80\text{ N}</math>;  <math>H &lt; 720\text{ mm}</math>, <math>F_2 = 0.2857(1000 - H)</math>.</p>	N/A
<p><b>EN 1022: 2023, 8.3.4 Rearwards stability – Recline position</b>                      Number of discs – back: 8                      Number of discs – leg rest: 3</p>	N/A
<p><b>6 Information for use</b>                      Information for use shall be available in the language of the country in which it will be delivered to the end user. It shall contain at least the following details:                      a) information regarding the intended use (i.e. domestic use);                      b) assembly instructions, where applicable;                      c) instructions for the care and maintenance of the seating;                      d) if the seating is fitted with seat height adjustments with energy accumulators, an additional note is required pointing out that only trained personnel may replace or repair seat height adjustment components with energy accumulators.</p>	N/R

**Remark:**

1. N/A – Not applicable; N/R – Not requested.
2. According to client’s statements, the tested Item No./ Dorel Ref. No. 14993BLK4EEU is identical to the Item No./ Dorel Ref. No. as stated in “Client Reference Information” column on the first page.
3. For the sample information and pictures, please refer to the following page.



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**SAMPLE INFORMATION AND PICTURES**

**Weight:** 4.0 kg

**Overall Dimensions:** 475 mm D x 475 mm W x 765 mm H

**Other Dimensions:** /

**Sample as Received**



View 1



View 2



View 3



View 4

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.

\*\*\*End of Report\*\*\*



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