

## Korven

### Guest Seating Collection



#### Chair Specifications

##### Frame Structure

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| Frame Material      | 2.0 mm Steel Frame                                                                                         |
| Armcap Material     |  Solid Ash Wood - (USA) |
| Frame Structure     | Knock-Down (KD)                                                                                            |
| Frame Reinforcement | Steel Reinforcement Under the Seat                                                                         |
| Load Capacity       | ≥200 kg / Seat                                                                                             |

##### Frame Finish

|                           |                                    |
|---------------------------|------------------------------------|
| Coating Type              | Electrostatic Epoxy Powder Coating |
| Coating Thickness         | 70–90 Micron                       |
| Salt Spray                | ≥ 500 Hours                        |
| Curing Temperature        | 220°C                              |
| Corrosion Resistance      | YES                                |
| Finish Scratch Resistance | YES                                |
| Finish Stain Resistant    | YES                                |
| Finish Chemical Resistant | YES                                |

#### Foam Specifications

|                           |                         |                       |           |
|---------------------------|-------------------------|-----------------------|-----------|
| Foam Type                 | Molded Foam             | Foam Tensile Strength | ≥120 kPa  |
| High Resilience (HR) Foam | YES                     | Foam Elongation       | ≥130%     |
| Foam Density - Seat       | 50 kg/m <sup>3</sup>    | Foam Rebound          | ≥50%      |
| Foam Density - Back       | 40–45 kg/m <sup>3</sup> | Foam Tear Strength    | ≥2.5 N/cm |

#### Upholstery Specifications

|                                              |                                                                                                            |                                                                             |                       |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------|
| Manufacturer                                 |  Elastron® - (Portugal) | Permanent Creasing Behavior (Bally Test)                                    | 100,000 Cycles - PASS |
| Upholstery Type                              | Medical Grade Vinyl                                                                                        | DIN EN ISO 32100 / DIN 53359                                                |                       |
| Surface Composition                          | 91% PVC + 9% Polyurethane                                                                                  | Upholstery Durability Performance                                           | >800,000 Cycles       |
| Backing Composition                          | 95% Polyester + 5% Cotton                                                                                  | Abrasion Test : EN ISO 5470-2                                               |                       |
| Upholstery Weight                            | 980 g/lm (+/- 5%)                                                                                          | Resistance to Urine (Urea Solution)                                         | PASS                  |
| Upholstery Thickness                         | 1.0 mm                                                                                                     | Resistance to Hospital-Grade Disinfectant Cleaner                           | PASS                  |
| Upholstery Tensile Strength<br>EN ISO 1421   | Warp 532 N   18.5%      Weft 420 N   27.7%                                                                 | Upholstery Antibacterial Tested<br>EN ISO 20645 : 2005-02                   | PASS                  |
| Tear Growth Resistance<br>EN ISO 4674-1      | Warp 60.9 N      Weft 39.4 N                                                                               | Upholstery Resistance to Hydrolysis                                         | 8 Years               |
| Seam Slippage Resistance<br>EN ISO 13936-2   | Warp 3.3 mm      Weft 3.3 mm                                                                               | Upholstery High Scratch Resistance                                          | YES                   |
| Colour Fastness to Rubbing<br>EN ISO 105-X12 | Dry 5      Wet 5                                                                                           | Fire Performance<br>CA TB117 2013 / NFPA260<br>BS 5852 Part 1 / EN 1021-1/2 | PASS                  |
|                                              |                                                                                                            | Colour Fastness to Artificial Light<br>EN ISO 105-B02                       | Grade 5               |

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#### Feature Design & Healthcare Benefit



##### Wall-Saver Design

Rear legs extend beyond the backrest to prevent the chair from contacting and damaging the wall. Helps protect wall surfaces, optimize floor space, and maintain a clean, safe healthcare environment.



##### Clean-Thru Design

Open, accessible construction minimizes areas where dust, debris, and contaminants can accumulate, making the chair easier to clean and sanitize while supporting hygienic healthcare environments.



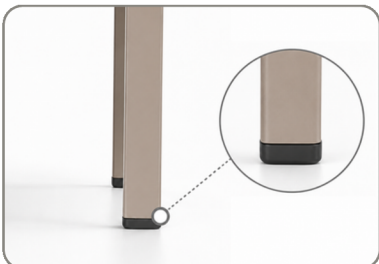
##### Steel Reinforcement Under the Seat

Provides additional structural strength and durability to withstand frequent use and higher loads, supporting reliable long-term performance in demanding healthcare environments.



##### Waterfall Edge Seat Cushion

Reduces pressure behind the knees and improves lower-leg comfort, supporting comfortable prolonged sitting for patients, visitors, and healthcare staff.



##### Non-Marring Glides

Protective glides help prevent floor marks and surface damage while providing stable, smooth contact with the floor, supporting a clean and well-maintained healthcare environment.



##### Arm Grip Extension

Extended arm support provides a larger, more comfortable gripping surface, improving stability and ease of use for patients and visitors.

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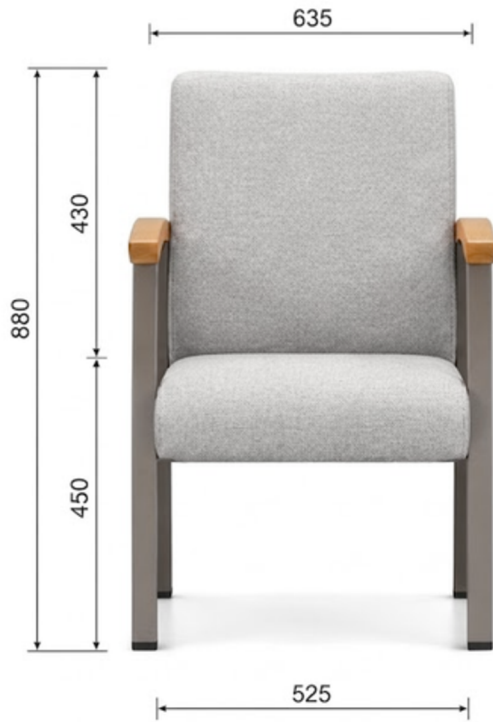
### Guest Seating Collection



#### Technical Drawing & Dimensions

Guest Chair

Model : 1260-1C



Guest Bariatric Chair

Model : 1260-OB



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Guest Seating Collection



Technical Drawing & Dimensions

Guest Loveseat

Model : 1260-LV



Patient Chair

Model : 1260-PNT



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Technical Drawing & Dimensions

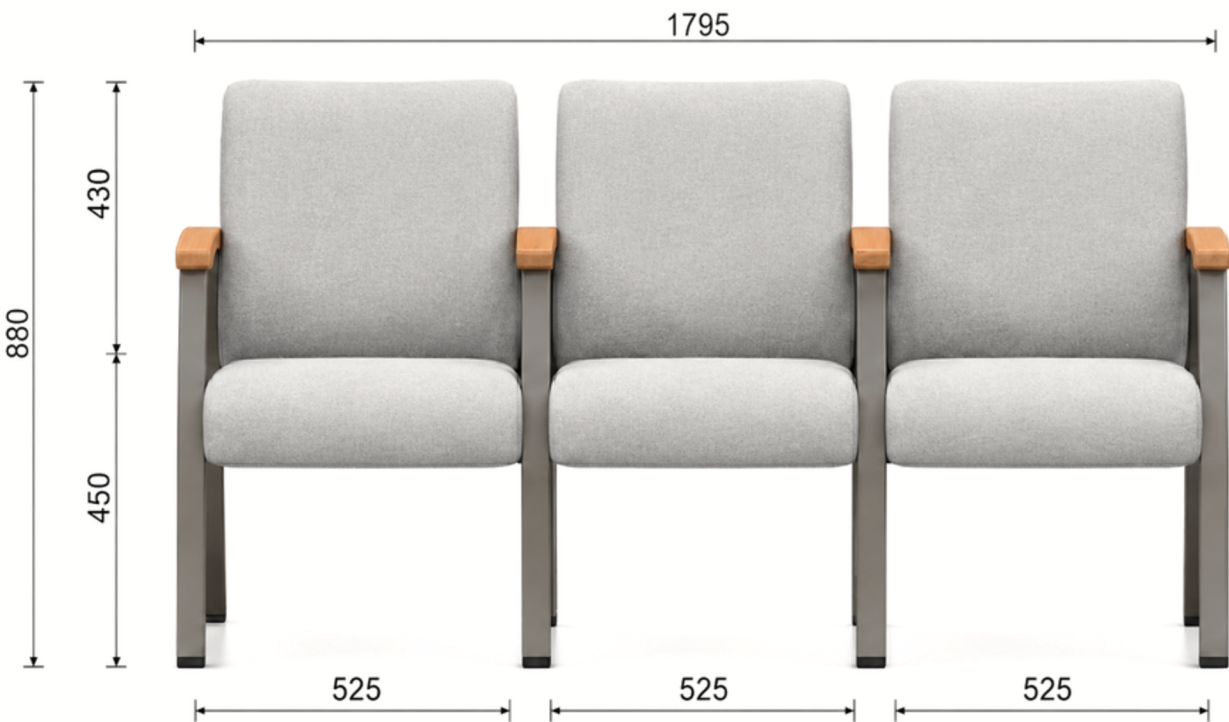
Guest Two Seat

Model : 1260-2C



Guest Three Seat

Model : 1260-3C



## Frame Structure

### 2.0 mm Steel Frame

Steel frame provides high structural strength, rigidity, and durability, supporting reliable long-term performance under frequent and demanding healthcare use.

### Solid Ash Wood

Solid ash Wood provides a strong, durable structural frame with good impact resistance, supporting long-term performance under frequent daily use in healthcare environments.

### Frame Structure

Engineered structural design that supports stability, durability, and reliable performance during repeated patient and staff use.

### Frame Reinforcement

Reinforced construction provides additional structural strength and helps withstand frequent use and higher operational loads.

### Load Capacity

Defines the maximum supported load to ensure safe and reliable use in healthcare and patient-care environments.

## Frame Finish

### Electrostatic Epoxy Powder Coating

Provides a durable, uniform protective finish designed for frequent use in healthcare environments.

### Coating Thickness

Controlled coating thickness provides consistent surface protection, durability, and resistance to everyday wear.

### Salt Spray Resistance

High salt-spray resistance helps protect the steel frame against corrosion and supports long-term durability.

### Curing Temperature

Controlled high-temperature curing promotes proper coating adhesion, hardness, and long-term finish performance.

### Corrosion Resistance

Helps protect the steel frame from corrosion, supporting long-term performance in demanding healthcare environments.

### Finish Scratch Resistance

Helps protect the coated surface from scratches and wear caused by frequent handling and daily use.

### Finish Stain Resistant

Helps resist staining and maintain a clean, professional appearance during routine healthcare use.

### Finish Chemical Resistant

Provides resistance to commonly used healthcare cleaning chemicals and disinfectants, supporting frequent cleaning and sanitation.

## Foam Specifications

### Foam Type

Molded foam provides consistent support, shape retention, and dimensional stability for healthcare seating.

### High Resilience (HR) Foam

Provides responsive support and helps the cushion recover its shape after repeated use.

### Foam Density

Provides durable cushioning and helps maintain seat shape under frequent daily use.

### Foam Tensile Strength

Supports structural integrity and resistance to internal stress during repeated use.

### Foam Elongation

Allows controlled flexing under repeated loading while supporting long-term durability.

### Foam Rebound

Enables rapid recovery after compression, helping maintain consistent support and comfort.

### Foam Tear Strength

Helps resist tearing and material damage during repeated use and upholstery handling.

## Upholstery Specifications

### Upholstery Type

Medical-grade vinyl designed for durability, cleanability, and routine use in healthcare environments.

### Surface Composition

PVC-based surface with polyurethane content providing a durable, cleanable, and wear-resistant finish suitable for healthcare applications.

### Backing Composition

Reinforced textile backing provides dimensional stability, flexibility, and structural support for long-term upholstery performance.

### Upholstery Weight

Provides a substantial material construction that supports durability and long-term performance under frequent use.

### Upholstery Thickness

Provides a durable protective surface while maintaining flexibility and suitability for upholstered healthcare furniture.

### Upholstery Tensile Strength

High tensile strength helps the upholstery withstand stretching and repeated use while maintaining its structural integrity.

### Tear Growth Resistance

Helps prevent existing tears from spreading, supporting long-term durability in high-use healthcare environments.

### Seam Slippage Resistance

Helps maintain seam integrity under repeated loading and movement, supporting durable upholstery construction.

### Permanent Creasing Behavior

High resistance to permanent creasing helps maintain the upholstery's appearance and surface integrity during repeated use.

### Colour Fastness to Rubbing

Helps maintain consistent appearance during repeated contact, handling, and routine cleaning.

### Upholstery Durability Performance

High abrasion resistance supports long-term performance under frequent seating, movement, and daily healthcare use.

### Resistance to Urine

Resistance to urine-based contamination supports easier cleaning and helps maintain upholstery performance in patient-care environments.

### Resistance to Hospital-Grade Disinfectant Cleaner

Designed to withstand routine exposure to hospital-grade disinfectants, supporting frequent cleaning and sanitation protocols.

### Upholstery Antibacterial Tested

Tested antibacterial performance supports hygienic upholstery applications when combined with appropriate cleaning and disinfection practices.

### Upholstery Resistance to Hydrolysis

Resistance to hydrolysis helps protect the upholstery from deterioration caused by moisture and humidity, supporting long-term service life.

### Upholstery High Scratch Resistance

High surface resistance helps minimize visible damage from routine contact and use, maintaining a professional appearance.

### Fire Performance

Meets specified fire-performance requirements, supporting safer use in healthcare and commercial interior environments.

### Colour Fastness to Artificial Light

Good resistance to light exposure helps minimize fading and maintain consistent colour appearance over time.