



Technical Sheet  
**KEIGIO® 54X54**

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## KEIGIO® 54X54 System

The KEIGIO® 54x54 System is a highly flexible modular solution for versatile seating arrangements, sofa systems, auditorium spaces, or collaboration points. Its adaptability seamlessly transitions from chillout spaces to meditation areas or even playgrounds.

With a commitment to sustainability, the system uses FSC certified wood materials in natural Birch, natural Pine, white, or black lacquered finishes. Certified wood underscores its dedication to eco-friendly practices.

Designed for durability, the KEIGIO® 54x54 elements suit various locations such as bars, restaurants, offices, commercial spaces, and homes. The system effortlessly integrates into any environment.

Crafted to order, SOFA PUFF modules and upholstered CUSHION pads offer diverse fabric options,

colors, and patterns. Safety is prioritized, with options for fire-resistant fabrics fully certified and foams for contract use.

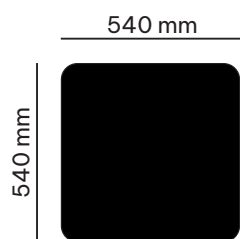
Featuring a top layer of 6 cm viscoelastic foam for comfort, the KEIGIO® 54x54 System combines rigid and soft elements for seamless integration into different environments.

WOODEN elements add elegance, while SOFA PUFF modules provide a comfortable seating experience.

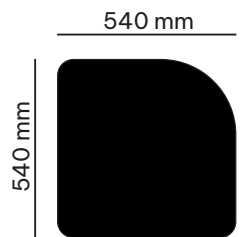
The comprehensive set of 12 modules, 2 cushions, and a SIDE TABLE caters to diverse needs. Various heights, materials, and special variants contribute to the system's adaptability.

The KEIGIO® 54x54 System offers versatility for creating cozy seating or functional workstations. Unleash creativity and explore countless ways to enjoy this modular, sustainable furniture system.

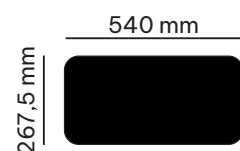




**WOODEN:** H18, H36, H48, H64, H92.  
**SPECIAL:** H48 STORAGE, H64 HOLE.  
**SOFA PUFF:** H36, H48.



**SOFA PUFF:** H36 ROUNDED.



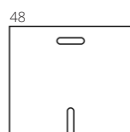
**SOFA PUFF:** H48 ARMREST, H64 BACKREST.



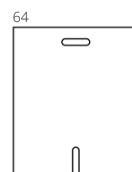
WOODEN  
h18



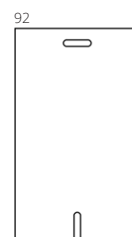
WOODEN  
h36



WOODEN  
h48



WOODEN  
h64



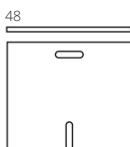
WOODEN  
h92



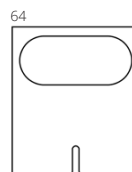
CUSHION  
24x50



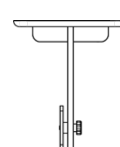
CUSHION  
50x50



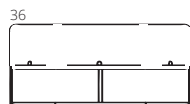
STORAGE  
h48



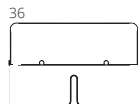
HOLE  
h64



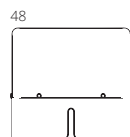
SIDE TABLE



SOFA PUFF  
h36 ROUNDED



SOFA PUFF  
h36



SOFA PUFF  
h48



SOFA PUFF  
h48 ARMREST

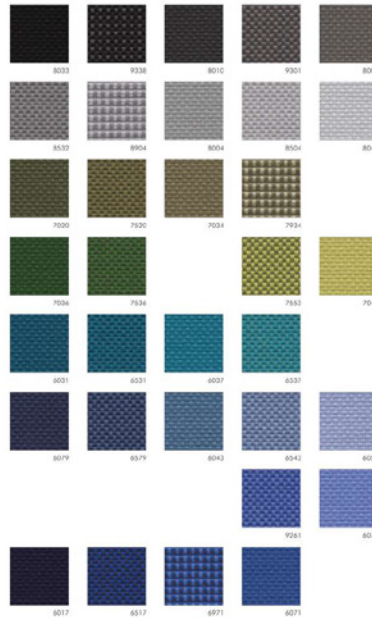


SOFA PUFF  
h64 BACKREST



# Fabric Color Palette

LASER N



## FIDIVI\*

LASER N

Compact fabric in united, two-coloured and three-coloured types. 58 colorways.

480 g/ml – 340 g/m<sup>2</sup>

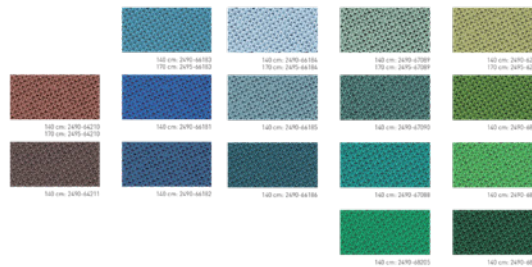
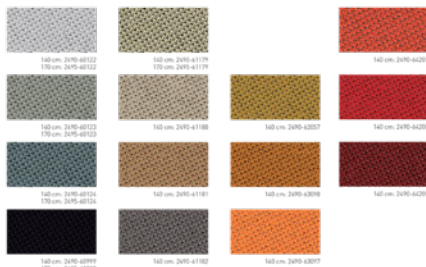
100% Polyester Trevira CS



## Gabriel\*



TONAL



TONAL

Tonal is made from recycled post-consumer polyester and has an excellent environmental profile.

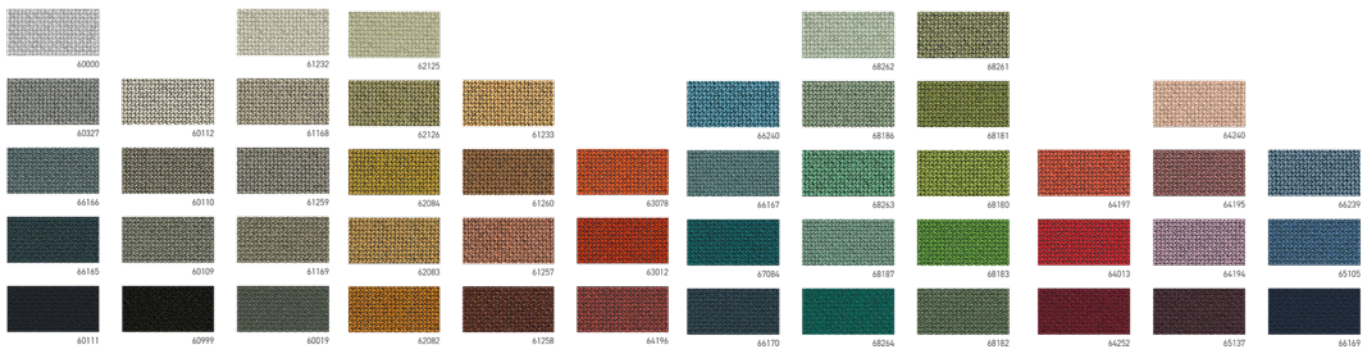
99% post-consumer recycled polyester / 1% polyester

CURA

Cura is a multi-purpose, two-coloured upholstery fabric made from 98% post-consumer recycled polyester.

98% post-consumer recycled polyester / 2% polyester

CURA



# Special Polyurethane Foam Cushions

# Bōln



**Bōln - Sarek Slim**  
SIZE 43X43X8 cm



## Bōln

Bōln is a brand of contract furniture for commercial spaces that, for the manufacturing of its collections, relies on the support of “Poliuretanos Rivas,” an industrial company specializing in polyurethane foam injection for over 40 years.

Its well-established track record is Bōln's greatest endorsement, thanks to its experience in developing industrial equipment for various sectors, such as automotive, hospitality, and healthcare. Moreover, it's a company committed to sustainable development, both ecologically and within its local community, which is why it maintains all its production in Spain.

## Material

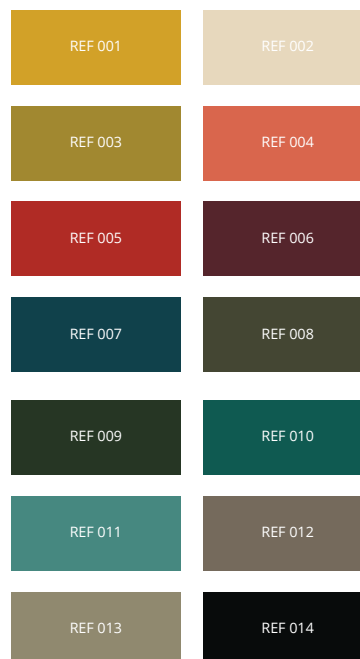
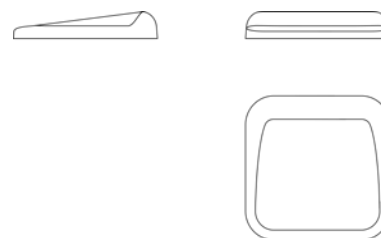
The raw material of the polyurethane foam used for the Flexyskin technique comes from green waste and is certified by REDcert.

Despite their robust look, the polyurethane foam surfaces are soft and pliable to provide a comfortable rest.

The furniture surfaces have antifungal and antibacterial properties certified by the JIS Z 2801 (ISO 22196).

The furniture is waterproof and has an organic design produced by the Flexyskin technique that makes it easy to clean on a regular basis. The maintenance process is certified according to the UNE-EN 12720 standard.

Water will not seep into Flexyskin surfaces, that is what makes our products so perfect for outdoor environments. Certified according to the UNE-EN ISO 811 standard.



## Wood Finish



Natural Pine Plywood

Average density (according to EN 323): 580 kg/m<sup>3</sup> (+/- 10%)  
 Quality of faces (according to EN 635-3): I/I  
 Finish: 2 faces sanded  
 Adhesive (according to EN 314-2): Class 3  
 Service class (EN 636): Class 3 for outdoor use  
 Formaldehyde release (EN 13986): E1  
 Pentachlorophenol content (EN 13986): ~ PCP 0 ppm



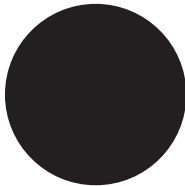
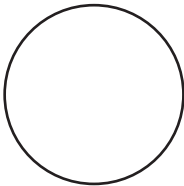
Natural Birch Plywood

High strength and durability.  
 Lightweight, rigid, and resistant to splitting and warping.  
 Easily moldable into curved or irregular shapes.  
 Exterior WBP bonding in accordance with EN 314-2 / Class 3 for outdoor applications.  
 Fire classification: D-s2, d0 (EN 13501), for floors starting from 9 mm.  
 E17 118RII for buses.  
 Approval for vehicle floors 95/28/EC.  
 Density: 700 kg/m<sup>3</sup>.



MDF Laminated with HPL

Glue: E2/E1/E0/CARB  
 Density: 650-830 kg/m<sup>3</sup>  
 Moisture Content: Below 8%  
 Surface Finish: Plain/Melamine Paper/Wood Veneer/UV Coat  
 Color: Solid/Wood Grain/Fancy/Stone  
 Veneer: Natural/Engineering  
 Material: Poplar/Pine/Hardwood/Combi  
 Usage: Furniture/Construction/Decoration/Carving, etc.; Counter/Office Table/Ceiling, etc.  
 Certificate: CARB/FSC/CE/ISO9001:2000/ISO14001



Lacquered MDF

Glue Standards: E2, E1, E0  
 Density: 730 kg/m<sup>3</sup> (7-25mm thickness)  
 Surface Material: Melamine Paper, Natural Wood Veneer, HPL, UV Varnish, Acrylic, etc.  
 Surface Treatment: Matte, Light, Magic, Glossy, High Glossy, etc.  
 Surface Colors: White, Black, RAL Colors  
 Moisture Content: 4%-13%  
 Surface Bonding: ≥1.20 MPa  
 Modulus of Rupture: ≥20 MPa  
 Water Absorption Expansion: ≤10%  
 Internal Bonding: ≥0.45 MPa  
 Modulus of Elasticity: ≥2200 MPa  
 Screw Holding: Face ≥1000 N, Side ≥800 N  
 Certificate: CARB/FSC/CE/ISO9001:2000/ISO14001

# Material and Certifications

## Wood

We commit to exclusively using FSC (Forest Stewardship Council) certified woods in our products. The FSC certification verifies that the wood comes from sustainably and responsibly managed forests, adhering to strict environmental, social, and economic standards. This implies that the wood harvesting process is managed to preserve biodiversity, respect the rights of local communities, and ensure that forest resources are used sustainably for future generations.

Our pledge to utilize only FSC-certified woods reflects our commitment to environmental sustainability and social responsibility. By supporting sustainable forestry practices, we contribute to preserving forest ecosystems, mitigating environmental impact, and promoting responsible management of natural resources. The FSC certification serves as a guarantee that underscores our commitment to environmental protection and respect for the local communities involved in wood production.



## Fabrics

We ensure that we exclusively use certified fabrics for our products, particularly those from the brands FIDIVI and Gabriel, both Trevira certified. These certifications confirm that the fabrics meet the required standards of quality and safety to ensure compliance with the high-quality project requirements. Moreover, the use of certified Trevira fabrics contributes to ensuring the fire resistance necessary to meet safety standards in contract projects.

The model we have chosen is the Laser N 100% Polyester Trevira CS, while from GABRIEL we have selected the products Cura and TONAL additions. We are talking about a technical fabric, self-extinguishing, certified for office or contract use with a specific weight of 340 g/m².

These fabrics come with certifications such as Oekotex and Euflower-Ecolabel. They are fully recyclable and resistant to abrasion (100,000 Rubs) and color changes due to exposure to direct light. Offering warm, casual aesthetics, vibrant melange effects, soft, voluminous textures, comprehensive color ranges, and high stretchability, these fabrics are perfect for office and lounge furniture. They are also environmentally friendly, with 98% recycled post-consumer polyester, 99% post-consumer recycled polyester (in the case of GABRIEL TONAL), and 100% recyclable polyester.

Additionally, they hold the EU Ecolabel, STANDARD 100 by OEKO-TEX® certification, and meet KEIGIO® requirements, making them ideal for a wide range of applications.



Weight (g/m) Poids (g/ml)	EN 12127	± 5 %	480
Weight (g/m) Poids (g/ml)	EN 12127	± 5 %	340
Width (cm) Largeur (cm)		± 2 %	140
Abrasion resistance (rubs) Résistance à l'abrasion (tours)	SO 12947-2 (Martindale)	± 10 %	100000
Light fastness (blue scale) Solidité à la lumière (échelle des bleu)	ISO 105-B02 (Xenotest)	da 5 a 8	6
Fastness to rubbing (grey scale) Solidité au frottement (échelle des gris)	ISO 105-X12 (Crockmeter)	da 4 a 8	4/5
Pilling (2000 rubs) Pilling (2000 tours)	ISO 12945-2	da 4 a 5	5
Composition Composition	100% POLYESTER TREVIRA CS		
Flammability - Classement au feu	UNI 9174 - 8456 Class C1 UNI 9175 Class 1IM DIN 4102 Class B1 NF 92501-7 Class M1 NF D 60013 Class AM18 EN 1021-1 & 2	BS Crib 5 BS 7176 Class Medium Hazard EN 13773 Class 1 OENORM 3800-1 Class B1,Q1,TR1 California TB117 USA NFPA 701	USA NFPA 260 IMO Part 8 Upholstery



**CONTRACT FURNITURE - MODULAR DESIGN**  
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