



Technical Sheet
54X54 System

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.

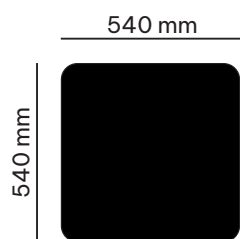
Featuring a top layer of 6 cm viscoelastic foam for comfort, the KEIGIO® - 54x54 system combines rigid and soft elements for seamless integration into different environments.

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

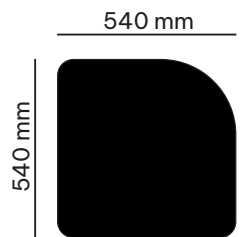
The comprehensive set of 12 modules, 2 cushions, and a SIDE TABLE caters to diverse needs. Various heights, materials, and special variants contribute to the system's adaptability.

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.

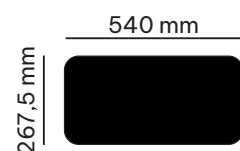




WOODEN: H18, H36, H48, H64, H92.
SPECIAL: H48 STORAGE, H64 HOLE.
SOFA PUFF: H36, H48.



SOFA PUFF: H36 ROUNDED.



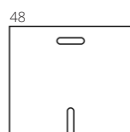
SOFA PUFF: H48 ARMREST, H64 BACKREST.



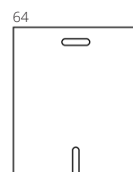
WOODEN
h18



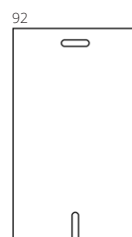
WOODEN
h36



WOODEN
h48



WOODEN
h64



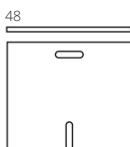
WOODEN
h92



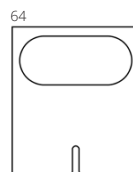
CUSHION
24x50



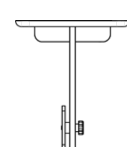
CUSHION
50x50



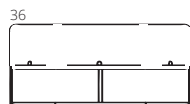
STORAGE
h48



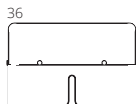
HOLE
h64



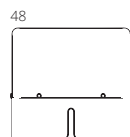
SIDE TABLE



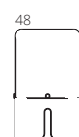
SOFA PUFF
h36 ROUNDED



SOFA PUFF
h36



SOFA PUFF
h48



SOFA PUFF
h48 ARMREST



SOFA PUFF
h64 BACKREST

Fabric Color Palette

FIDIVI*



LASER N

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

480 g/ml – 340 g/m²

100% Polyester Trevira CS

Gabriel*



TONAL

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

99% post-consumer recycled polyester / 1% polyester

CURA

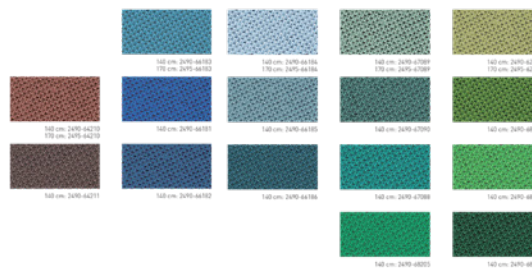
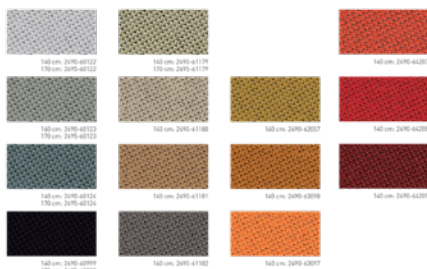
Cura is a multi-purpose, two-coloured upholstery fabric made from 98% post-consumer recycled polyester.

98% post-consumer recycled polyester / 2% polyester

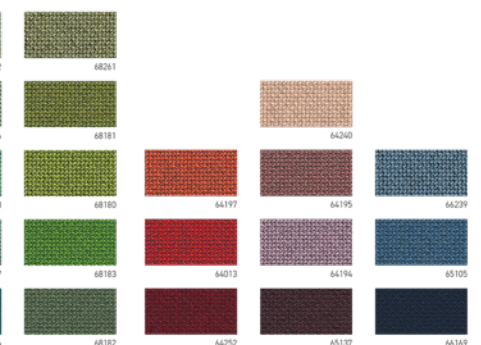
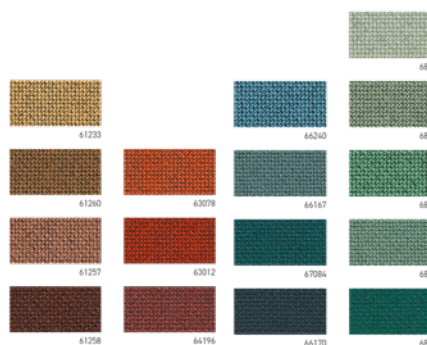
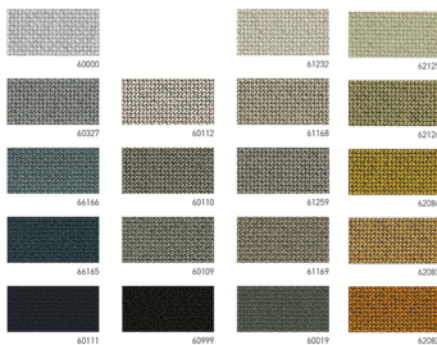
LASER N



TONAL



CURA



Wood Finish



Natural Pine Plywood

Average density (according to EN 323): 580 kg/m³ (+/- 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



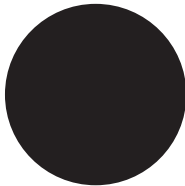
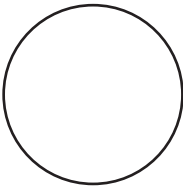
Natural Birch Plywood

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/m³.



MDF Laminated with HPL

Glue: E2/E1/E0/CARB
 Density: 650-830 kg/m³
 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/m³ (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.



The mark of
responsible forestry
FSC® C002063



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 Möbelfakta requirements, making them ideal for a wide range of applications.

Gabriel



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
www.keigio.com

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