

GIRA

Gira Esprit
Linoleum-Plywood



Clear form,
natural materials







Gira Esprit Linoleum-Plywood, blue
Push switch, pure white glossy





Gira Esprit Linoleum-Plywood, dark brown
Push switch, pure white glossy



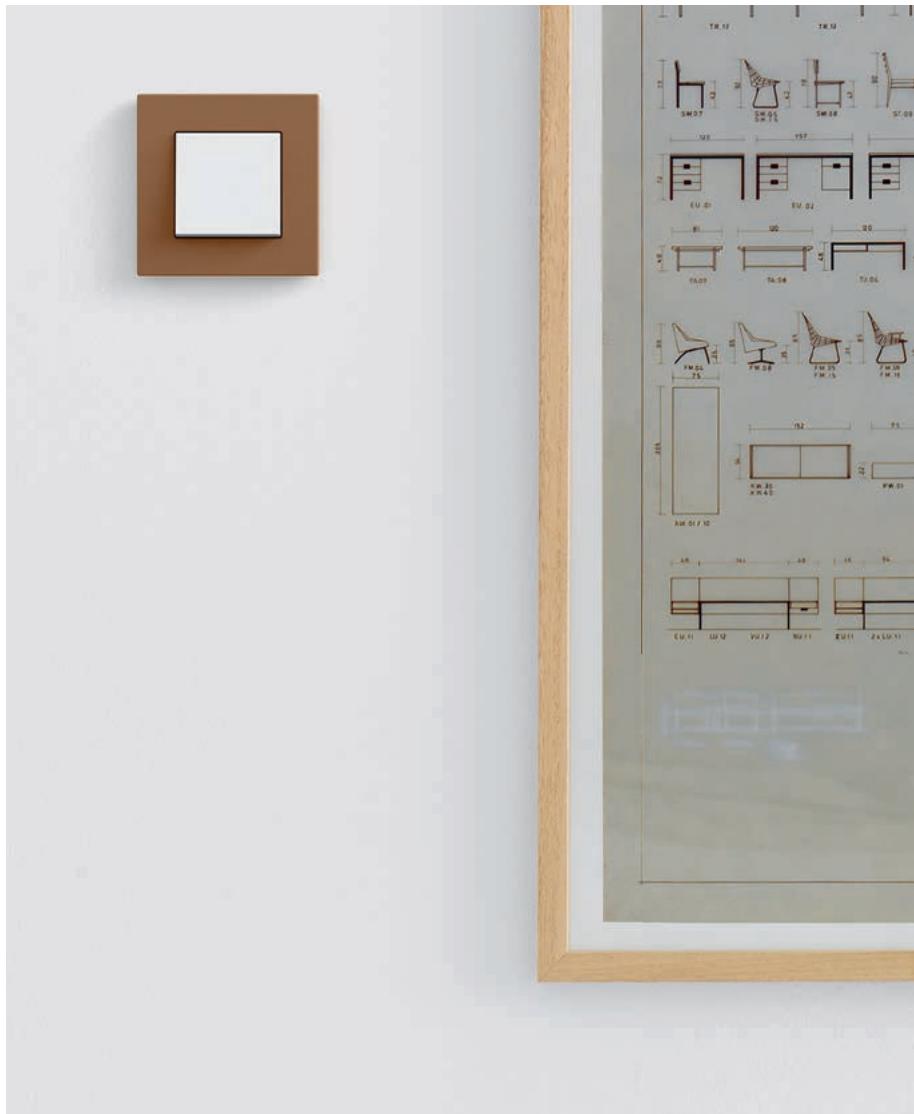


Gira Esprit Linoleum-Plywood, red
Switch 3-gang, pure white glossy





Gira Esprit Linoleum-Plywood, light grey
Push switch/push switch, pure white glossy





Gira Esprit Linoleum-Plywood, light brown
Push switch, pure white glossy



Gira Esprit Linoleum-Plywood, anthracite
Push switch / "British Standard" socket outlet, pure white glossy

Clear form, natural materials

Design concept:

Gira Esprit Linoleum-Plywood is the first switch range to unite two natural materials which complement each other perfectly. Both are sourced from renewable raw materials, are robust, have a variety of uses, and have always been popular among architects and designers. Frames in six attractive colours offer freedom for diverse combination options in interior design. Gira Esprit Linoleum-Plywood is the ideal choice for interior design concepts in which a clear form and natural materials are favoured. The high-quality frames are distinguished by their meticulous material selection and precise workmanship. A special, sophisticated manufacturing process has been developed specifically for the Gira Esprit Linoleum-Plywood. In this way, extremely robust frames which simultaneously appear very delicate are made in Germany as the result of the many steps which are subject to continuous quality control.

Awards:

Plus X Award for High Quality, Design and Functionality, 2014

Plus X Award, Best Product of the Year 2014

Iconic Award Winner 2014

Birch plywood: multi-layered, strong, natural



Fig. 1:
Five layers of untreated birch from sustainably managed forests in Finland

Material

A modern interior decoration classic: Birch plywood is preferably used in living and office areas where there is an emphasis on linear aesthetics and naturalness. Shelves, tables, and chairs – including a number of design classics – are made of this material. Gira Esprit Linoleum-Plywood is the first switch range to use this material. For the frames, birch plywood is used which is approximately 3.4 mm thick, five-layered cross-bonded, and therefore particularly strong. The layered structure of the outer edges provides an attractive contrast to the lustrous matt, coloured linoleum surfaces.

Fig. 2:
Cross-bonded and calibrated to approx. 3.4 mm material thickness [sanded]

Origin and properties

The birch for the frames originates from sustainably managed forests in Finland and is PEFC-certified. The long, hard Nordic winter only allows trees a short period of growth each year, resulting in very thin and uniform annual rings. This makes the wood especially homogeneous and strong, which ultimately allows birch plywood to be produced that is delicate and yet robust enough to be used for a frame with a total thickness of just 9.9 mm [including carrier frame].

Linoleum: natural, attractive, durable



Fig. 3:
Linoleum which is approximately 2.5 mm thick with an
untreated, slightly coarse, lustrous matt surface

Material

In the recent past, the advantages of linoleum have been rediscovered by designers and architects alike. The English chemist Frederick Walton developed linoleum as early as 1860, and it consists of natural, renewable raw materials. In addition to its main component linseed oil, it is comprised of natural resin, wood flour, and calcium carbonate, as well as colour pigments. The natural appearance, diverse design options, and durability of linoleum were appreciated by legendary architects Ludwig Mies van der Rohe and Walter Gropius, and it has become a standard for high-quality flooring and table coverings. Gira Esprit Linoleum-Plywood is the first switch range to use this material. The untreated, slightly coarse surface of the frames makes using them an especially sensual experience, both in terms of appearance and feel.

Properties

Due to its unique material properties, linoleum is ideally suited for use as a frame surface. Linoleum is extremely durable and is characterised by its resistance to oils and grease. It has anti-static and slightly antibacterial properties, and it is also easy to clean. Therefore, the frames have a variety of uses and withstand particularly high demands.

Six colours for individual interior design

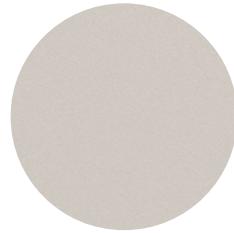
Colour concept:

The Gira Esprit Linoleum-Plywood switch range is available in six colours. The colour palette encompasses two neutral grey shades (anthracite and light grey), two warm, earthy natural colours (light brown and dark brown), and two popular primary colours (red and blue). This allows Gira Esprit Linoleum-Plywood to offer the suitable colour design solution for any interior design style and personal taste. The colours are coordinated to enable all the variants to be combined on the wall to create an individual interplay of colours.



Anthracite

The dark, neutral grey is similar to the rich colour depth of black slate. The anthracite colour appears equally confident and restrained. It stands in clear contrast to light backgrounds and has a convincing functional elegance.



Light grey

This light shade of grey exudes a special ease, sensuality, and serenity. Light grey appears both friendly and elegant. It harmonises smoothly with light backgrounds. It sets an appealing contrast on colour backgrounds.



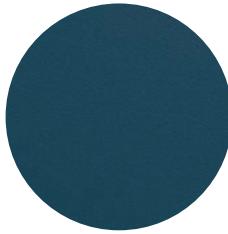
Dark brown

A rich, earthy, and extremely deep brown. This natural colour conveys warmth, tranquillity, and cosiness. It stands in elegant contrast to the five-layered birch plywood. It looks extremely stylish on light and dark backgrounds.



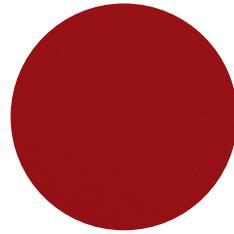
Light brown

The light, clay-coloured brown shade radiates a particularly pleasant and natural warmth. There is a harmonious connection between the natural colour and the natural qualities of the Finnish birch. Light brown sets a subtle colour accent on light backgrounds.



Blue

A medium shade of blue which is slightly broken and yet full of character. The colour's effect is pleasant, balanced, and calming. On white, light, and earth-toned backgrounds, this blue sets a colour accent which is friendly and sophisticated at the same time.



Red

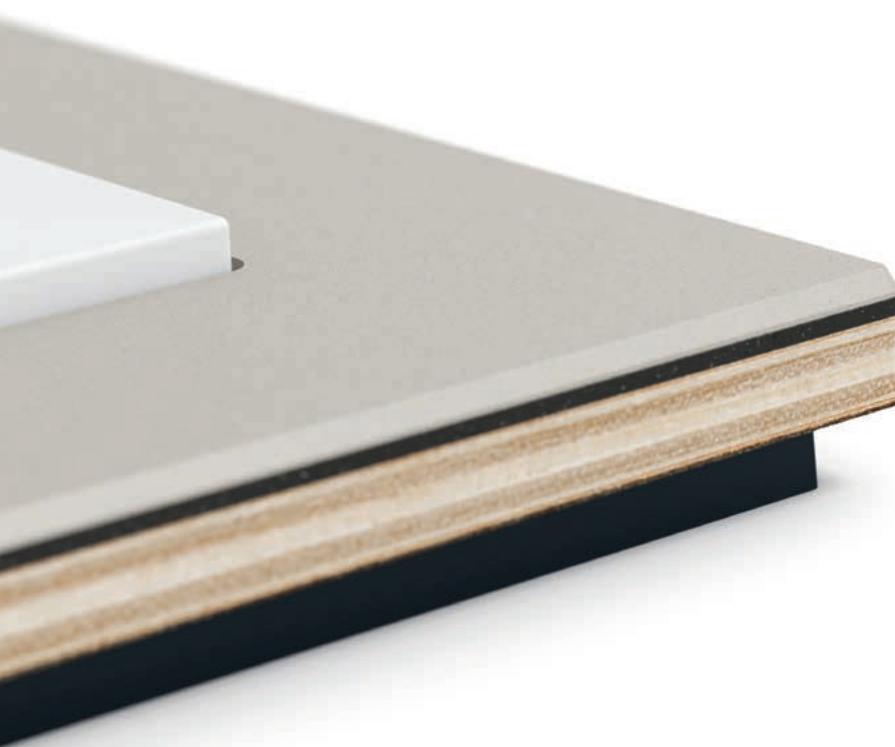
An intensive, fiery, yet classy red which exudes energy and exuberance. On light walls, this colour is a bold and appealing eye-catcher. It is particularly suitable for interior design styles featuring vibrant colours.



Anthracite



Gira Esprit Linoleum-Plywood anthracite
Push switch / "British Standard" socket outlet, pure white glossy



Light grey



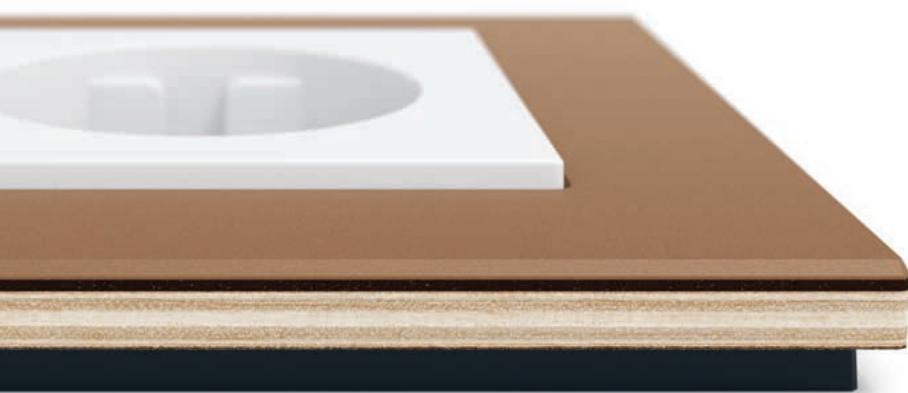
Gira Esprit Linoleum-Plywood, light grey
Push switch/Chinese socket outlet, pure white glossy



Dark brown



Gira Esprit Linoleum-Plywood, dark brown
Push switch/"British Standard" socket outlet, round pin, pure white glossy



Light brown



Gira Esprit Linoleum-Plywood, light brown
Push switch/socket outlet with earth pin, pure white glossy



Blue



Gira Esprit Linoleum-Plywood, blue
Push switch/SCHUKO socket outlet, pure white glossy



Red



Gira Esprit Linoleum-Plywood, red
Push switch/Danish socket outlet with protective contact, pure white glossy

More than 300 functions for modern electrical installation

Functionality:

More than 300 intelligent functions from the Gira System 55 can be integrated in the frames of the switch range to enable customised convenience, security, and value as desired. The British Standard product range from Gira also includes special products for countries where installation is carried out according to British Standard. In addition, Gira offers socket outlets for common standards, e.g. a Danish socket outlet, a Chinese socket outlet, and socket outlets with earth pins. All of the inserts are available in a wide range of colour variants. The Gira Esprit Linoleum-Plywood allows all the requirements of a modern home to be fulfilled and a multitude of building installation functions to be realised in a uniform design.

Example 1:

Controlling light and blinds by radio
Gira eNet radio wall transmitter



Example 2:

See who is at the door
Gira surface-mounted home station video



Example 3:

Ambient air monitoring
Gira ambient air sensor CO₂



Example 4:

The radio in the wall
Gira RDS flush-mounted radio



Example 5:

Central operation of several functions
Gira push button sensor 3 Plus



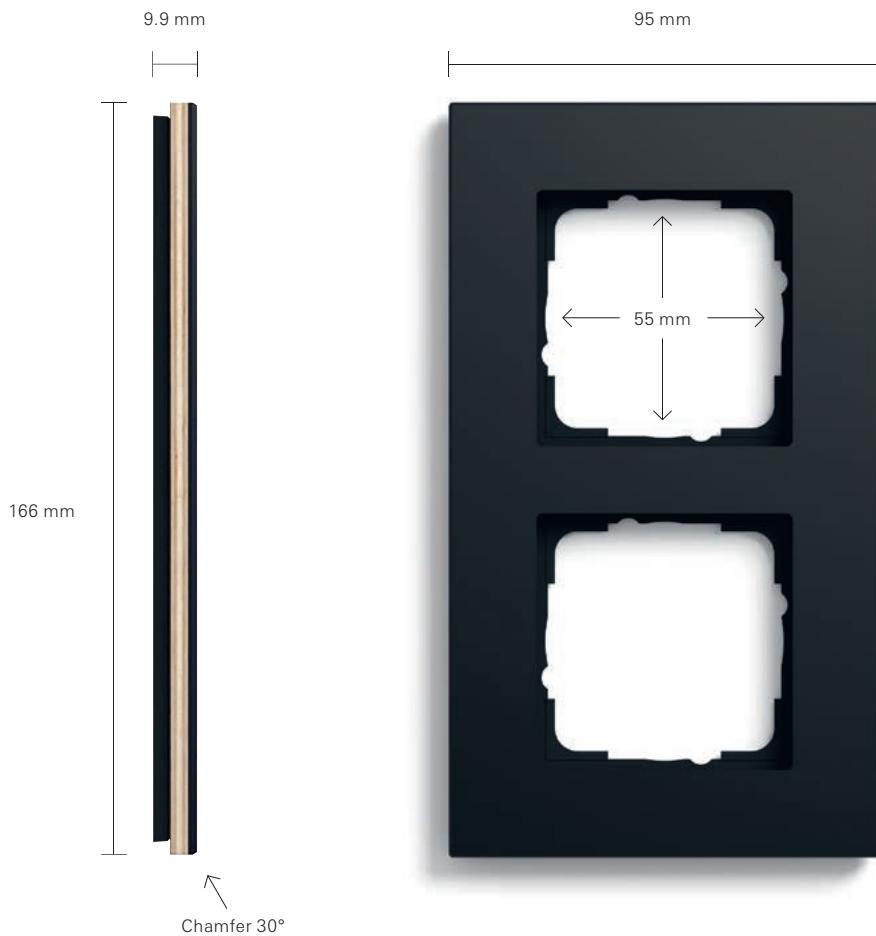
Example 6:

Automatically switching and dimming light
Gira automatic control switch 2



Function examples in the pure white glossy colour variant.
Additional functions can be found at: www.gira.de

Technical data



Platform System 55 [more than 300 functions are available]

Installation type Flush-mounted

Protection type IP 20

Material Linoleum, plywood made of Finnish birch, polycarbonate [carrier frame]

Frame variants



1-gang



2-gang



2-gang without crossbar



3-gang



4-gang

W 95 mm
H 95 mm
D 9.9 mm

W 95 mm
H 166 mm
D 9.9 mm

W 95 mm
H 166 mm
D 9.9 mm

W 95 mm
H 236.8 mm
D 9.9 mm

W 95 mm
H 308 mm
D 9.9 mm

Colour variants



Anthracite



Light grey



Dark brown



Light brown



Blue



Red

Design Gira Design Team, Radevormwald
schmitz Visuelle Kommunikation, Wuppertal

Ecological balance Gira Esprit Linoleum-Plywood has a lower ecological impact than conventional frames made of polycarbonate. Its global warming potential is approximately 75% lower than a 1-gang reference frame. The consumption of fossil energy sources is significantly reduced by using less plastic made from crude oil. The values will be calculated as part of a life cycle assessment. The process chain is studied from the raw material extraction to the factory gate [cradle to gate].

Made in Germany

Gira is a family-run company that has developed and produced electrical systems and products which set new standards both in terms of technology and design for more than 100 years.

More about Gira

Intelligent building technology from Gira offers users more convenience, greater security, extensive functions, and a high degree of flexibility and mobility. More information on Gira and Gira products can be found at: www.gira.com

Follow the Gira community on Facebook, Twitter, YouTube or Google+.

More information is available at: www.gira.de/socialmedia



Gira and sustainability

Gira's task is acting responsibly and supporting the sustainable development of society. Therefore, for the production of this brochure, we have aspired to reduce the consumption of resources and emission of harmful gases while preventing environmental pollution as much as possible. We strive to reach these goals by using eco-friendly materials.

The resource-saving DIN A5 format was deliberately chosen for the production of this brochure. The paper used is FSC certified and made of 100% recycled paper. The biological ink is made of environmentally sound raw materials.

Please visit the Gira sustainability portal for more information on our current activities and projects:

www.nachhaltigkeit.gira.de



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