

# Materials

## Ceramic 6 mm



6K60  
white

6K64  
quartz

6K66  
perla



6K67  
basalt black

## Ceramic 12 mm



5K53  
fossil

5K54  
travertin geo

5K67  
basalt black



5K58  
marble white



5K59  
marble black



5K66  
perla



5K68  
concrete



5K69  
emperador

## Ceramics

The Manutti ceramic table tops are composed of sand, clay and natural stone formed into a layer which is heated at 1100°C. The 3 mm plates are cooled down and are glued together with a resin of polyurethane and fibre glass.

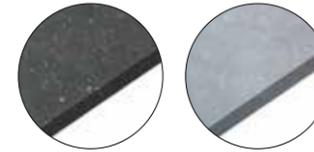
A few characteristics of ceramics are:

- Hygienic surface
- Colourproof
- Resistance to fire and high temperatures
- Impermeability
- Resistance to bending, scratching
- Resistance to wear and tear
- Resistance to chemical products
- Environment friendly
- For outdoor and indoor use

## Stone

### Straight border

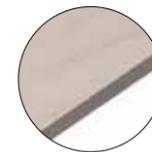
Bluestone 30 mm



00BD  
dark

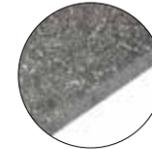
00BL  
light

Granite 30 mm



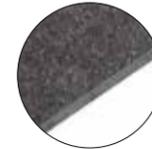
06GC  
caramel

Satingo 30 mm striped



01SB  
blue

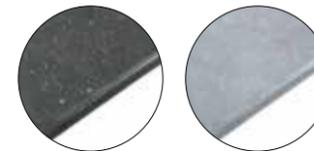
Satingo 20 mm



09SN  
nero

### Parrot's bill

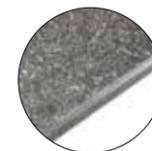
Bluestone 30 mm



60BD  
dark

60BL  
light

Satingo 30 mm



61SB  
blue

## Belgian bluestone

Belgian bluestone or "Little Granite" is a limestone with a more or less pronounced natural blue/grey colour, which is characterized by the presence of a large number of fossilised crinoids. This type of bluestone is only quarried in Belgium.

- It develops a natural patina
  - Use: outdoors, changes due to the action of rain and UV-rays to its original pale blue-grey colour
  - Use: indoors in the course of time, it develops a deeper colour
- Bluestone is susceptible to products and scratches
- Belgian bluestone can often contain a number of white veins<sup>1</sup>, black lines, spots and fossils<sup>2</sup>
- Depending on the finishing, the stone has a different look

<sup>1</sup> "White veins" are water veins, formed by water, 100% specific to bluestone and are not cracks as people often assume.

<sup>2</sup> Fossils and colour differences: stone is a natural material formed by different perfectly petrified fossils. So it is normal to find nests of crustaceans in the stone.

In other words, even in one sheet of stone clear differences in colour can be observed.

BLUESTONE text is based on a publication by the WTCB (Wetenschappelijk en Technisch Centrum voor het Bouwbedrijf - Building Industry Scientific and Technical Centre)

# Materials

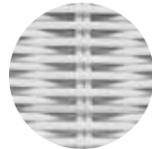
## Wicker



1W23  
camel  
2mm



2W23  
camel  
2.8mm



1W31  
off white  
2mm



1W44  
hazel  
2mm



3W84  
old grey  
6mm



4W84  
old grey  
8mm



1W90  
black  
2mm

### The fibres

- A synthetic fibre (HDPE), high quality thermoplastic fibre
- Resistant to great variations in temperature, even extreme, from -25°C (-13°F) to + 70°C (158°F)
- Fibre dyed in the mass, UV-resistant, does not discolour in the light and sun
- Swimming pool and sea water resistant and repellent
- UV tested 3500 h of exposure DIN 53387 Xenon Arc radiation
- High stability with traction resistance >20 MPA (ISO527)
- Easy to clean and maintain, for specific maintenance, woven & textile cleaner (see p. 298)
- For outdoor and indoor use
- Each item of furniture is assembled by hand
- Toxin-free, ecological, 100% recyclable

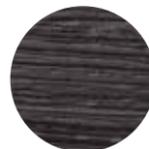
## Teak (τ)



AT  
aged teak



T  
teak



TN  
brushed teak nero

- Superior quality teak wood (VINIR & HARA) aged 60 to 80 years, sourced from ecological plantations
- Great stability under the effect of UV radiation, chlorine and sea water
- Easy to clean, various specific treatments possible (see p. 298)
- For outdoor and indoor use
- 100% recyclable

## Iroko (IR)



IR  
iroko

- Superior quality West African hardwood – durability classification 1
- Great stability under the effect of UV radiation, chlorine and seawater
- Easy to clean, standard pre-treated with wood protector water repellent (see p. 298)
- For outdoor and indoor use
- 100% recyclable

## Trespa® (HPL)



1T90-2T90  
white



1T92-2T92  
black

Trespa® is a flat thermo hardening resin-based plate made by compressing wood fibers at high pressure and high temperature (HPL - High Pressure Laminate). A special surface made with the patented EBC technology ensures durability and scratch resistance. Manutti works with 10mm and 13 mm thick plates and comes in all decors with a black finished border.

## Acid etched glass



1G70-2G70  
white



1G71-2G71  
taupe



1G72-2G72  
black



1G73-2G73  
sand

- Hardened glass, acid etched on the top, coloured on the bottom side.  
Specific gravity: 2.5 kg
- Colour fastness: differences in colour between different table tops can occur. These are caused by the different production batches in which they were made. A colour difference of delta E = 2, measured on the surface of the glass, is acceptable
- Tensile strength: intrinsic tensile strength 10,000 N/mm<sup>2</sup>
- Scratch resistance: no value available, but clearly sharp objects may cause scratches on the surface of the glass
- Thermal conductivity: 0.8 W/mK
- For outdoor and indoor use

## Tempered glass



### Glass

- Called tempered glass or safety glass
- Only obtainable in transparent or white toughened glass within the Manutti collection
- Hardened glass with a min. thickness of 6 to 8 mm depending on application
- Identical design to glass for car industry

# Materials

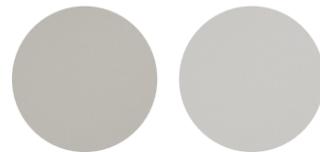
## Powder coated aluminium (PCA)



AF07  
black

AF08  
white

AF10  
lava

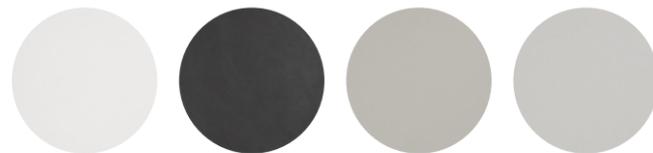


AF11  
shingle

AF13  
flint

- Fluidised powder coating applied to the aluminium structure by electrostatic spray. For maximum solidity and resistance of the powder coating, the material is heated at a temperature between 160°C (320°F) and 210°C (410°F) (T° according to the type of powder)
- Easy to clean and maintain (for specific maintenance see p. 298)
- For outdoor and indoor use

## Stainless steel (PCSTS)



SF08  
white

SF10  
lava

SF11  
shingle

SF13  
flint

- Electropolished stainless steel 316L and 304L. The treatment concentrates chrome, nickel and other materials of the steel into the surface improving the corrosion resistance and leaving it with a lasting bright finish.
- Technique used in the naval industry
- Recommended near the sea, a swimming pool, in very industrial areas, or near a railway
- For outdoor and indoor use

## Wrought iron (PWI)



WF08  
white

WF10  
lava

WF11  
shingle



WF13  
flint

- Sanded solid forged iron, with anti-oxidation treatment (phosphatation) and heated at 180°C (356°F) min.
- 100% UV-resistant, does not discolour in the light and sun
- Swimming pool and sea water resistant and repellent
- Easy to clean and maintenance free
- For outdoor and indoor use
- Each item of furniture is assembled by hand
- 100% recyclable

## Quaryl® (quartz composite)



Q8  
quaryl®  
(only Elements)



- Blend of natural quartz and high-quality acrylic.
- Frost- and UV-resistant making the material highly suitable for outdoor use.
- Very impact-resistant, shockproof and scratch-resistant
- Smooth, non-porous and closed surfaces easy to clean and to maintain
- Extremely stable and durable
- Ecological and 100% recyclable

## Rope (R)



1R01  
bronze  
4.5mm

2R01  
bronze  
11mm

1R02  
silver  
4.5mm

2R02  
silver  
11mm

3R02  
silver  
45mm

1R03  
anthracite  
4.5mm

2R03  
anthracite  
11mm

3R03  
anthracite  
45mm

4R04  
anthracite  
45mm

1R04  
pepper  
4.5mm

4R04  
pepper  
45mm

- Blend of Textilene® and polyolefin, UV-resistant
- Swimming pool and sea water resistant and repellent
- Easy to clean and maintain. For specific maintenance, woven & textiles cleaner (see p. 298)
- Each item of furniture is assembled by hand
- Recyclable, GreenGuard certified, REACH certified