



Teak is a tropical hardwood tree original of South and Southeast Asia, which has always been considered a noble and valuable wood; the best quality of teak presents an homogeneous golden brown color, sometimes with dark streaks. The high weather resistance is due to its compact wooden structure, where an oily sap flows. The oil is water-repellent: for this reason teak cannot get water-soaked and it cannot rot or deform significantly as the others woods do, if left outside. The oiliness gives teak a particular softness which makes it pleasant to touch, as well as a great resistance to weather, temperature, parasite attacks and insects. Thanks to its beauty, durability and resistance, teak is excellent in the nautical sector, in the luxury building industry and for prestigious furniture. RODA employs a natural and untreated teak of a first quality standard fixed by FEQ (First European Quality standard). Where the aesthetics of the wood is fundamental, RODA has introduced even more restrictive selection criteria: the surfaces are treated with a lot of passages of fine sanding glass-paper, with a grain every time thinner, in order to enhance the softness and makes them very smooth to the touch. Since wood is a natural material, its exposure to atmospheric agents creates 1/2 mm thick oxidation of the surface which favors its discoloration to a typical silver-grey color; this change does not affect in any way its original characteristics.

#### Maintenance and cleaning:

- In humid conditions, teak may release some reddish oil, which can cause stains on the surface. For normal cleaning, use a soft cloth (not in microfiber), fresh water and SUNDECK SOAP.
- Use SUNDECK WOOD OIL LIGHT, a nutrient and protective oil, on new products to avoid the superficial oxidation.
- Use GREY-OFF every 2/3 years to remove the grey patina due to the oxidation of the surface. After the treatment with GREY OFF, wash the furniture with water and SUNDECK SOAP and oil it with SUNDECK WOOD OIL LIGHT.
- In case of deep spots hard to clean with SUNDECK SOAP, it is recommended to sand the surface uniformly before using GREY-OFF; in any case, even for contract use, do not use GREY-OFF more than once a year.
- Always avoid abrasive products or aggressive chemical solvents.

## WEATHER RESISTANT TEAK (WR)



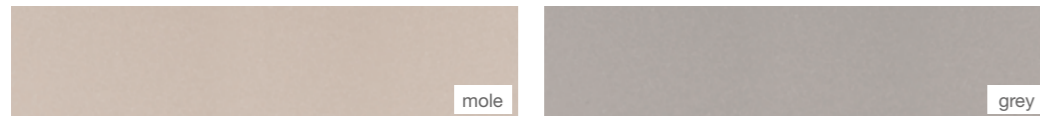
Teak wood is a natural weather resistant material with a compact structure, ideally suited for outdoor use. A number of brushing and coating cycles enhance its natural properties of impermeability and resistance to the atmospheric agents, while at the same time preserving and exalting its characteristic vein pattern. The special colour nuances obtained with this process give the wood a refined, stylish finish.

**Maintenance and cleaning:** Powder coating makes the wood impermeable to the penetration of dirt and liquids, and hence less susceptible to staining. Nevertheless, it is good practice to remove dirt and liquids from the surfaces right away, so as to prevent persistent stains from forming.

For routine cleaning, use a soft cloth, water and a neutral detergent, such as Universal Cleaner supplied by RODA.

Do not ever use metal brushes, abrasive products, bleach, acid substances or aggressive chemical solvents; do not use power washers at a close distance or at high temperatures. For resistant stains, seek the assistance of expert, specialised technicians.

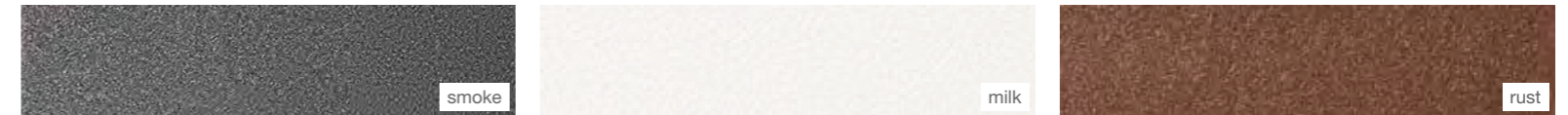
## POLYURETHANE RESIN



HiREK® is a multi-layer engineering polymer with variable density, compounded by an external aesthetic film and by an inner structure patterned and dynamically expanded which derives from the recycling processes of industrial plastic materials waste. Thanks to its intrinsic structural characteristics, its mechanical properties and its resistance against weathering and UV rays, HiREK® guarantees a magnificent aesthetic result in the high quality outdoor furniture industry. HiREK® is 100% made in Italy and totally recyclable.

**Maintenance and cleaning:** Use a water-soaked cloth and in case of persistent spots, use a neutral soap UNIVERSAL CLEANER. Dry carefully. Do not use abrasive products, acid substances, chemical aggressive solvents.

## STEEL AND ALUMINUM



#### STAINLESS STEEL (AISI304)

Aisi 304 is steel enriched with chromium, nickel, and other high-quality components characterizing its qualities in various applications. Stainless steel owes its excellent resistance to corrosion to its ability to passivate, that means to oxidize without rusting. Some elements such as chromium, in contact with the oxygen in the atmosphere, create an invisible protective oxide that makes stainless steel resistant to corrosion. AISI 304 is very sensitive to chlorine in particular conditions of temperature and humidity, for this reason a regular maintenance is needed.

**Maintenance and cleaning:** In case of exposition to weather conditions, especially in corrosive environments, (for instance near the sea), to avoid rust formation, it is recommended to wash regularly the product with mild fresh water. If the product needs a thorough cleaning, use a neutral soap (Universal Cleaner) and warm or mild water. Dry immediately to avoid stains and halos caused by water. Brush following the direction of polish (if the product is not painted) and use a microfiber cloth to obtain a better result. To remove eventual print on the surface, use a glass cleanser or ammonia, rinse out accurately and dry with a cloth. In case of persistent spots or scratches, use a specific detergent polishing product for stainless steel. Before using it on the product, try it in a hidden part to verify its efficiency and its no-damaging effect. Do not use metallic brushes, abrasive products, acid substances, bleach or chemical aggressive solvents.

#### STEEL

Steel used by RODA is cleaned and treated with an electrolytic process of hard iron phosphatisation. This pre-painting guarantees a higher resistance to corrosion and it removes polluting substances. Its effect is reinforced with a following nanotechnology anticorrosive treatment.

**Maintenance and cleaning:** In case of exposition to weather conditions, it is recommended to wash regularly the product with mild tepid water. In case cleaning is needed, use a neutral soap (Universal Cleaner) and warm or mild water. Dry immediately to avoid stains and halos caused by water. Eventual rusty formation must be treated with a rust stopper and eventually touched up with the paint stick in the same color of structure, supplied by RODA.

#### ALUMINUM

Aluminum is a lightweight, robust metal and has excellent corrosion resistance. Its silver grey appearance is due to a thin layer of oxidation that rapidly forms when exposed to air and that prevents corrosion by blocking the oxygen flow to the underlying aluminum. It can be recycled 100% and infinite times without losing its original features.

**Maintenance and cleaning:** In case of exposition to weather conditions it is recommended to wash regularly the product with mild and fresh water. If the product needs a thorough cleaning, use a neutral soap (Universal Cleaner) and warm or hot water. Dry immediately to avoid stains and halos caused by water. Brush following the direction of polish (if the product is not painted) and use a microfiber cloth to obtain a better result.

## STAINLESS STEEL, STEEL AND ALUMINUM FINISHES

Once cleaned and protect, stainless steel, steel and aluminum are covered with an electrostatic powder painting, with a polyester base, which gives further protection from scratches and the final coloring to the product, "milk", "smoke" or "rust".

## 3D NET



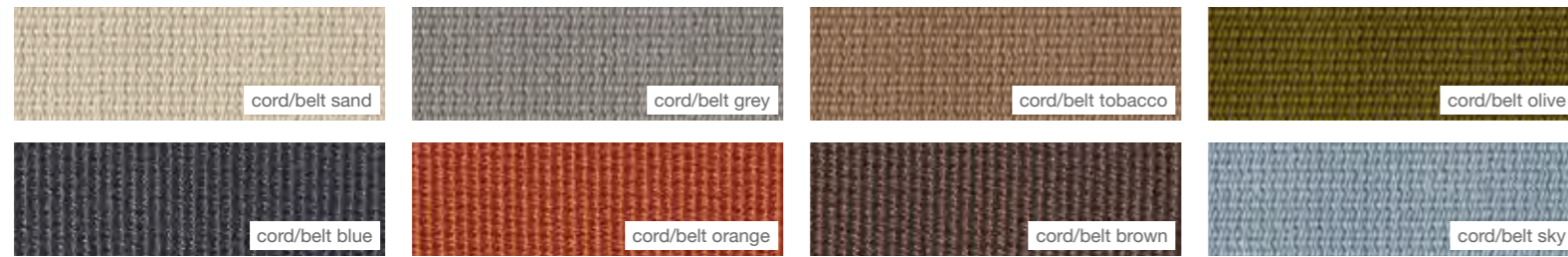
A 100% polyester three-dimensional fabric made up of two sides with an open hexagonal weave: on the front of the fabric, the weave is more even and open to facilitate the drainage of water while the reverse side is slightly more closely woven to hold the upholstery filling more effectively, without however compromising its drain-through capacity and ease of drying. Between the two sides of the fabric, there is a cavity consisting in a single 0.12 mm diameter polyester thread which gives this fabric its 5 mm thickness and enhances its drain-through capacity, ensuring that it is quick to dry with a soft and comfortable hand-feel. The result is a highly breathable fabric that guarantees that upholstered products are constantly aired and quick to dry. The fabric has a 7/8 light-fastness in the blue scale.

**ATTENTION:** It is not fire-retardant. Polyester is not subject to mildew but the construction of the fabric could encourage dirt deposits and the consequent formation of mould.

**Maintenance and cleaning:** Clean with water, in the case of obstinate stains, use a universal cleaner or neutral fabric detergent. Never use abrasive materials, acid substances or aggressive chemical solvents.

## CORDS AND BELTS

EN



RODA employs cords and belts as a support for seats and backs; they are made of a double-twisted 100% polyester or acrylic thread, in cotton finishing. The polyester threads have the following features: great toughness and great resilience, high resistance to abrasion, to heat, to bending stress, high modulus of elasticity, minimal wet regain, and good resistance to chemical agents and to bad weather conditions. They have a color fastness to light of 7 in the blue scale, which is the best achievable goal for this kind of material (the maximum of the scale is 8): the colour does not degrade up to 315 hours of direct continuous light. The colour can fade after this long exposition, influenced by different atmospheric conditions, such as the intensity of light and the salinity of the air. Dark colours are more sensitive to sun exposure. Cords and belts are neither fire-proof, nor anti-mold, nor anti-spot, but they are easy to clean.

**Maintenance and cleaning:** Brush the surface or treat it using water and neutral soap (Universal Cleaner). Do not use any abrasive products, acid substances or aggressive chemical solvents.

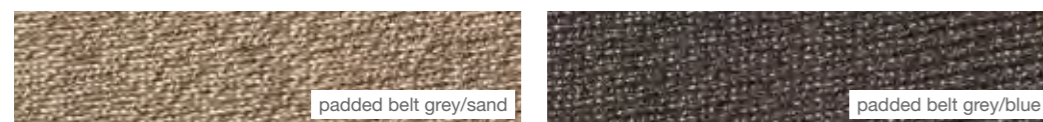
## RECYCLED CORDS AND BELTS



Cords and belts are used as support for seats and backrests. They have a cotton finish that gives them a natural appearance to the eye, and makes them pleasant to touch. The cords and belts have a high colour fastness. They are created from the recovery of production waste materials, with a process that reduces water and chemical additive use and CO2 emissions. They are composed of a core of 100% recycled PES and a coating of recycled acrylic fibre.

**Maintenance and cleaning:** Easy to look after and clean simply with a soft brush, some water and a neutral detergent, such as UNIVERSAL CLEANER. Do not use abrasive products, acids or aggressive chemical solvents.

## PADDED BELTS



The outer mesh consists in two twisted polyester threads of different colour that create a melange effect, while the padding is made up of a hydrodraining polyester stuffing. The combination of these materials makes the padded tubular suitable for outdoor use and ensures softness, comfort and rapid drying.

**Maintenance and cleaning:** Treat the affected area with a soft cloth, water and neutral soap (UNIVERSAL CLEANER). Do not use brushes, abrasive products or aggressive chemical solvents.

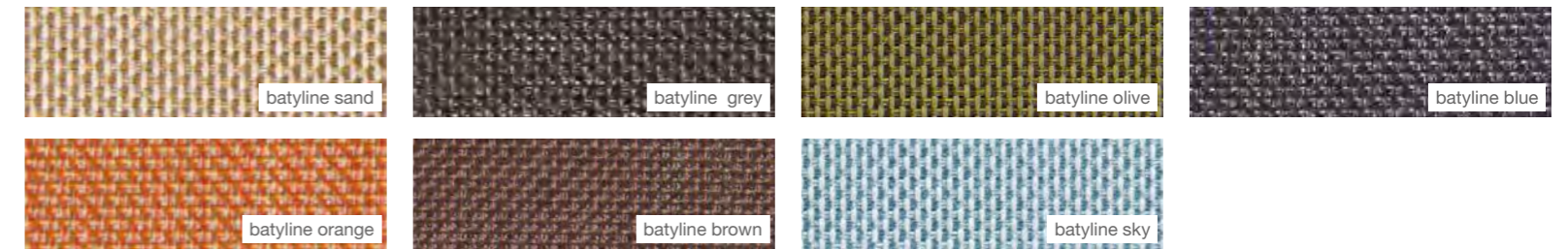
## ELASTIC BELTS

Synthetic elastic belts made of synthetic rubber, covered with polypropylene fibers which guarantee elastic performances outdoor. RODA products are combined with stainless steel hardware AISI 304. Belts are tested with saline fog up to 100 hours with positive results and any loss of elasticity.

**Maintenance and cleaning:** Brush the surface or treat it using water and neutral soap (Universal Cleaner). Do not use any abrasive products, acid substances or aggressive chemical solvents.

## BATYLINE

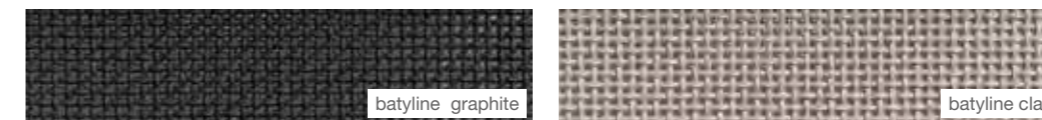
EN



Technical fabric made of a PVC-coated polyester wire grid bearing membrane. This material combines excellent technical performance with a high aesthetic value. The special textile construction makes it very resistant to weathering and ensures quick drying.

**Maintenance and cleaning:** Brush the surface or treat it using water and neutral soap (Universal Cleaner). Do not use any abrasive products, acid substances or aggressive chemical solvents.

## BATYLINE IMO



A technical fabric with a mesh structure in PVC-coated polyester yarn. It is extremely strong and flexible, which makes seats extremely comfortable. International Maritime Organization (IMO) certification guarantees high dimensional stability and fire resistance that make the product suitable for use in shared spaces. It offers high resistance to abrasion and atmospheric agents. It does not absorb moisture, and it dries quickly.

**Maintenance and cleaning:** Treat the surface to be cleaned with water and a neutral soap or detergent, such as UNIVERSAL CLEANER. Do not use brushes, abrasive products or aggressive chemical solvents.

## CANATEX



Canatex is a net realized with a combination of extruded threads with a core of polyester covered by a sheath in part made of hemp, which offers a stability and regular weaving effect. It has a great mechanical resistance, high colour fastness to UV rays and it is anti-mold. This material is in the fire-resistance class M2-B2, thus it is self-extinguishing and, in case of combustion, it does not emit opaque smoke or toxic gas. When it is used as a support, during the first phase of usage, Canatex tends to release slightly, but then it settles and remains constant as time goes by. The percentage of hemp of the sheath gives a natural touch and a soothing range of colors. The hemp (cropped without using pesticides or fungicides) has a strong power of CO2 absorption.

**Maintenance and cleaning:** Brush the surface or treat it using water and neutral soap UNIVERSAL CLEANER. Do not use any abrasive products, acid substances or aggressive chemical solvents.

## CANVAS



Structural fabric, 100% cotton, waterproofed with Teflon. This treatment guarantees a soft and natural look that a normal coating cannot confer. It has a colour fastness to light of 4/5 in the grey scale.

**Maintenance and cleaning:** Dry clean.

All the stones used for RODA furniture are natural and unique, that means that each piece is different from the other. The eventual presence of crystals or flooding is normal and evidences the typical natural aspect of stone.



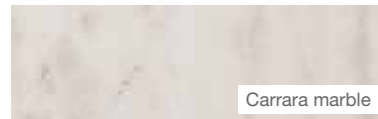
#### FARSENA STONE

Farsena stone is a sandstone/limestone extracted from the Tunisian sand; it has a typical gray-brown colour and an uniform structure with shades of red and salts. The brushed finish and the stain-resistant treatment with opaque effect preserve the natural appearance of the stone and its pleasantness to the touch. The drains of ferrous material of red and black colour, which generally surround the white veins, seep from the outer crust that covers the whole block of stone. The material penetrates into the stone and creates irregular phenomena on each cutting of Farsena; some of these eruptions of material may accentuate after processing.



#### LUNA STONE

Sandstone with a typical grey/light blue colour, brushed with a natural effect.



#### CARRARA MARBLE

Well known valuable marble, extracted from the quarries of Carrara, is a metamorphic stone made of crystals and carbonate of microscopic dimensions which gives an uniform aesthetical aspect. The slabs of marble have a pearl-white color and slight grey veins which do not decrease the value of the stone. The Carrara marble used for our products is treated with acid, with a natural effect and it is protected with a light oil-repellent treatment.



#### CARDOSO STONE

Cardoso stone is dark grey verging on blue. It is a low-metamorphic grade sandstone rock, formed by the fragmentation of granitic rocks. The mineralogical composition and the process of genesis of Cardoso stone make it outstandingly compact and strong. It has excellent physical-mechanical characteristics of resistance to attrition, sliding and strain, as well as excellent resistance to corrosive action by atmospheric agents.



#### SERIZZO ANTIGORIO

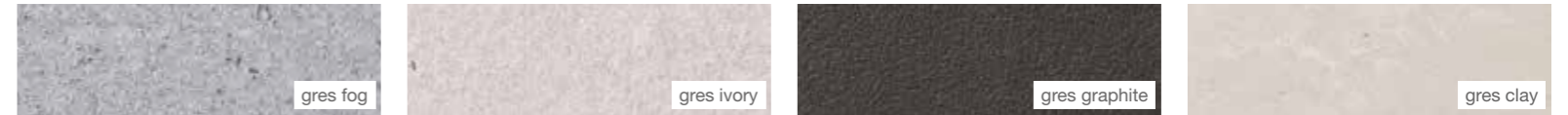
Granite stone, homogenous and medium grain, very clear foliation and dark grey color thanks to a high presence of mica biotite. The antigorio is the darkest kind of Serizzo. In our products, it is brushed with a natural effect.



#### SIMPLON WHITE

Grey granite stone, brushed with a natural effect.

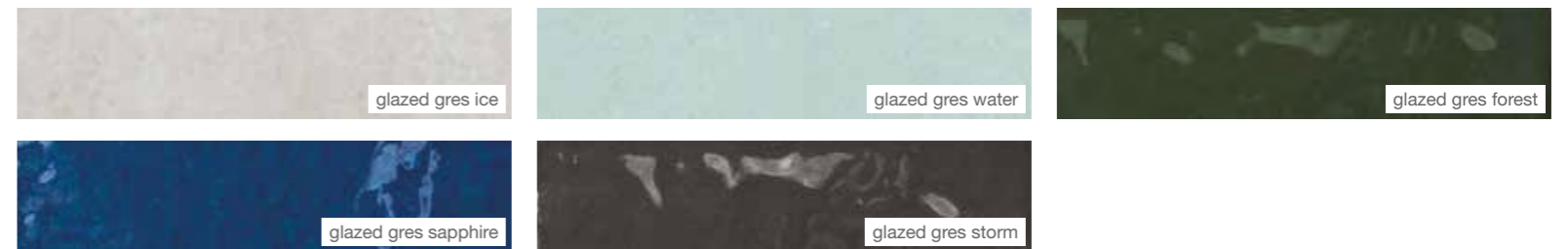
**Maintenance and cleaning:** All RODA stones are protected by an anti-spot and oil-repellent treatment, but it is recommended to clean the surfaces with care to maintain their original aspect with the passing of time. In case of spots, it is necessary to clean them immediately with natural soap and an absorbent cloth in order not to remove the protection treatment. For a normal cleaning, use a soaked cloth with distilled water. Only in case of obstinate spots, use a few drops of ammonia diluted with water. In any case, try the treatment on a hidden part before applying on the whole surface. Do not use abrasive products, acid substances, chemical aggressive solvents.



A hardwearing material obtained from compacting 99% pure materials such as minerals and clay at a high temperature (around 1250°) without the addition of synthetic resins or other chemical substances. The particular semi-glossy finish gives the material a natural look and a soft hand-feel. The non-porous surface has a liquid absorption capacity of less than 0.5% so the material will be frost-proof, resistant to any type of stain and extremely resistant to surface abrasion. The compactness of the material and the quality of the minerals used in its production make it very resistant to impact and bending (2mm tolerance per linear metre). The material is Class A1 fire retardant and does not contain chlorine, asbestos or any other environmentally harmful substance.

**Maintenance and cleaning:** Use a damp cloth wrung out in water; in the event of having to remove obstinate stains, use a universal detergent. Never use abrasive materials, acid substances or aggressive chemical solvents.

#### GLAZED GRES



Glazed gres is obtained by subjecting gres to a special manufacturing process. After heating the material, the stoneware tile is dipped in tanks containing crystalline enamel in liquid form before being fired for the second time to vitrify the enamel. The two firing operations and the vitrified surface enamel make enamelled stoneware more delicate and less resistant to impact, bending and surface abrasion than unglazed stoneware. The artisanal enamelling process could cause slight visual differences between different tiles of the same batch; such differences are inevitable and should be considered a natural feature of an "artisanal" workmanship. The material is Class A1 fire retardant and does not contain chlorine, asbestos or any other environmentally harmful substance.

**Maintenance and cleaning:** Use a damp cloth wrung out in water; in the event of having to remove obstinate stains, use a universal detergent. Never use abrasive materials, acid substances or aggressive chemical solvents.

#### SINTERED STONES



Lapitec® is an innovative "full body" sintered stone slab. Available in large format slabs, it unites aesthetic design appeal and the superior mechanical and physical properties of porcelain with the elegance, workability, colours and typical finishes of natural stone. Lapitec® is non porous and therefore resistant to staining, mould and bacteria. Lapitec® is a product that is long lasting and completely weather proof. Every slab is resistant to acids, alkalis, deep abrasions, fire, frost and is unaffected by UV rays. It is also resistant to graffiti. It is completely inert, containing no resins or petroleum derivatives.

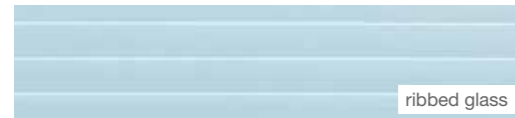
**Maintenance and cleaning:** Use a damp cloth wrung out in water and neutral soap UNIVERSAL CLEANER.

#### HPL



High pressure laminate (HPL) extremely resistant to wear, impact, scratch, moisture, heat and stain; it has good hygienic and anti-static properties. Its characteristic "black heart" is made of layers of fibrous cellulosic material soaked with thermosetting resins and glued by an high-pressure process until obtaining an homogeneous material non-porous. A bending of 3 mm per meter is tolerated on this material. HPL is self-extinguish and class 2 fire resistant; it does not contain chlorine or asbestos and it is certified by Fira Institute, that means that it is suitable for coming in contact with foodstuff.

**Maintenance and cleaning:** Use a water-soaked cloth and in case of persistent spots, use a neutral soap UNIVERSAL CLEANER. Dry carefully. Do not use abrasive products, acid substances, chemical aggressive solvents.

**RIBBED GLASS**

Laminated glass made up of two 4-mm high sheets each, one in extra-clear crystal and one in fluted glass. Between the two sheets a vinyl safety film is applied, which intervenes in case of breakage. The edge is rounded and polished.

**BRONZED GLASS**

Hardened glass, 8 mm high, polished brass bronze coloured.

**Maintenance and cleaning:** Use a common cloth and glass cleaner. Do not use abrasive materials and aggressive chemical solvents.

## CORK



100% natural cork, of superior quality and low porosity. Brown in tone, it is characterised by inimitable compactness and consistency, thanks to the natural resins that hold the granules together. The cork is obtained from an eco-sustainable production. Direct and prolonged exposure to sunlight can result in natural discolouration.

## LOOSE CURTAINS

**WHITE LOOSE CURTAINS (OASIS E OMBRINA)**

Trevira CS polyester fabric, soft and fresh. It has flame retardant properties and high resistance to external stresses.

**GREY LOOSE CURTAINS (OMBRINA)**

100% acrylic fabric that guarantees high mechanical strength and high colour stability to UV.

**Maintenance and cleaning:** Allow 30° machine wash, do not dry clean, iron at low temperature.

## STORAGE COVER

Hydro-repellent acrylic fiber. RODA supplies covers to protect the furniture mainly from the dirt (for instance, if your furniture is under trees or in areas with a lot of dust). Covers should not be expected to:

- protect the cushions and the frames from rain. The continuous use of the storage cover (more than 2 subsequent days) together with the temperature changes (night/day) and weather conditions, could lead to the formation of condensation and the infiltration of water through the seams which could cause the presence of some mould.
- prevent the wood from turning grey. We always suggest to leave the structure without covers in order to acquire a natural silver-grey patina.

**Note:** The storage cover are treated with Sanitized that helps prevent mould and mildew, even with coated fabrics. The Biocidal principle contained in these treatments is octylisothiazolinone. The biocidal agent used is in compliance with the document BPR (Biocidal Product Regulator).

## CUSHION STANDARD PADDING

**STANDARD SEAT CUSHIONS**

The seat cushions are stuffed with polyurethane foam and Dracon. They are hygienic and not toxic. They don't produce dust, nor cause allergies to skin. Besides, they guarantee a good transpiration too, thanks to their great permeability to the air. The resilience (elasticity performance) is a long-last guarantee. The covers of the seat cushions are made of couple acrylic materials, in order to offer a better behavior for use. Standard padding (made up by foam polyurethane and Dracon) can be subjected to develop mould if left outside. For this reason we recommend not to leave the outdoors permanently; if the cushions get wet, the cover should be taken off immediately, in order to let the stuffing dry.

**STANDARD BACK CUSHIONS**

The back cushions of our collection are stuffed with synthetic fiber and latex chips, contained in acrylic sacks. The upholstery of the back cushions standard is composed of flakes mixed with silicone Dacron latex chips (ratio 50%). The latex beside providing lift to the pillow, prevents the grouping of Dacron flakes, ensuring the shape retention. To improve the shape retention, the padded of back cushions are divided into sectors to ensure a perfect distribution of materials inside the upholstery. Standard padding (made up by foam polyurethane and Dracon) can be subjected to develop mould if left outside. For this reason we recommend not to leave them outdoors permanently; if the cushions get wet, the cover should be taken off immediately, in order to let the stuffing dry.

Prices of cushions sewed with customer fabric are made with a standard padding.

If you want cushions sewed with customer fabric and an hydro draining padding it's necessary to send a sample of the fabric to the sales department in order to verify the suitability and receive an offer.

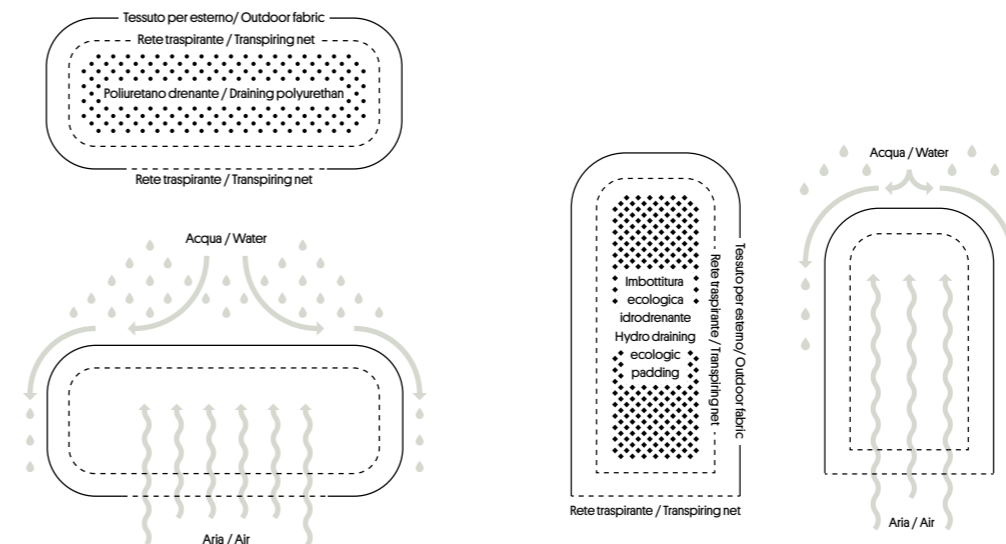
## HYDRO DRAINING TECHNOLOGY

The water draining technology applied to RODA cushions enables the water to drain out fast and makes for the continuous recirculation of plenty of air, so that the stuffing dries up quickly, avoiding the risk of mould formation and product deterioration.

**HYDRO DRAINING CUSHIONS**

Hydro draining seat cushions use a stuffing made from open-cell draining polyurethane, enclosed in a transpiring net; the back cushions use a special eco-friendly natural fibre flock, similar to hemp and highly resistant to the atmospheric agents. The stuffing is enclosed in a technical net whereby the fibre is subdivided into several "chambers" resulting in a variable density cushion, which retains its volume over time and makes for improved comfort.

The bottom of both seat and back cushions uses a mesh that enables the water to flow out and the air to penetrate inside the cushions.

**THE HYDRO DRAINING TECHNOLOGY APPLIED TO UPHOLSTERED COLLECTIONS**

The upholstered collections have perfected the notion of breathability in hydro draining cushions, attaining the highest level of complexity and efficiency. For the upholstered collections Dandy and Double, RODA combines open-cell polyurethanes of different density, thus obtaining optimal water draining and perfect comfort. The 3D net, which covers and encloses the draining stuffing, gives the product a fine and complete appearance, even without the fabric cover. The structures, which are then upholstered, are made of powdercoated aluminum, which besides being weather resistant, is light and durable.

**WET**

The new technical materials used for the padding are weather resistant and ensure the compatibility with the water, therefore their structure is not altered in the short term. Even the light weight aluminum structure cannot be affected by the corrosive effect of weathering.

**DRY**

RODA refines the concept of high breathability, using open-cell polyurethanes, 3D nets and filtering profiles. In this way, the padding breathes. The drying time is also related to the type of fabric selected in RODA offer.

