PAOLA LENTI

Maintenance of outdoor fabrics and materials

GUIDE TO THE MAINTENANCE OF OUTDOOR FABRICS AND MATERIALS

Introduction

Outdoor products in Paola Lenti collections are upholstered with exclusive fabrics – conceived to combine endurance, functionality and aesthetics – and are produced with materials selected to last over time and to guarantee the best performances while respecting man and the environment.

The maintenance procedures recommended in this guide are paramount to limit the damages that are inevitably caused by climate conditions, pollution, marine environment and prolonged exposure to UV rays.

Upholstery cleaning, stain removal and material maintenance are simple yet necessary operations: a good result depend on the promptness of the intervention and by the quality of the execution. The frequency of the maintenance is strictly tied to the climate and environmental characteristics of the area where the product is used.

Paola Lenti recommend carefully reading this guide before proceeding with any cleaning operation and to store it carefully. The Company does not accept any liability for any damages caused by an inappropriate maintenance, or not correctly carried out or executed with non-recommended products.

Once discarded, the product must not be disposed of in the environment, but given to public disposal systems.

FABRICS, CORDS AND BRAIDS IN ROPE, AQUATECH AND TWIGGY YARN

Characteristics

Rope, Aquatech and Twiggy are Paola Lenti's signature yarns. The fabrics, the cords and the braids produced with these yarns result from different processes, feature different appearances, weights and weaves, yet all have the same base characteristics: functional, structural and aesthetic quality, high resistance to UV rays, atmospheric agents, sea and chlorinated water. In details, the 100% recyclability of the Twiggy yarn is validated by Centrocot with a certificate issued on 12/11/2021 (Type II environmental assertion consistent with the standard UNI EN ISO 14021: 2016 point 7.8.1.1 C ").

Maintenance of fixed upholsteries

Daily cleaning
Remove impurities with a soft brush or a vacuum cleaner.

Deeper cleaning
Wash with cold water and neutral soap to prevent impurities from creating an environment that may foster mould growth, thus causing the progressive deterioration of the upholstery. Rinse thoroughly with clear water to remove any soap residues that may cause streaks. Let dry in open air and under the sun. Never use hard brushes, abrasive pastes or sponges, bleaching agents, solvents nor homemade products. It is essential to carry out these operations at least every two weeks.

Maintenance of removable upholsteries

Daily cleaning
Remove impurities with a soft brush or a vacuum cleaner.

Deeper cleaning
Carefully follow the specific instructions given for each fabric or material.

Stain removal

Take immediate action to eliminate the cause of the stain by dabbing with a clean cloth, preferably white cotton, moistened with cold water and neutral soap.

Notes

In case of rain or seasonal protection, we recommend the use of Winter Set covers. Before covering the product, it is necessary to make sure that it is dry: the stagnation of humidity generates an environment fostering the formation of mould, which, if neglected, cause a progressive deterioration of the coating.

FABRICS, CORDS AND BRAIDS IN ROPE YARN
100% polyolefin

Aero

Brio

Chain Outdoor (filling: 100% poliester)

Kimia (100% polyolefin PU coated)

Rope, Rope M, Rope T

Rope Corda 10, 06

Rope Treccia 95

Shade

Thea

Thuia

Trame



Wara (80% polyolefin, 20% poliester)



FABRICS, CORDS AND BRAIDS IN AQUATECH YARN
92% polyolefin, 7% acrylic fiber, 1% polyurethane

Aquatech

Aquatech Corda 10

Aquatech Treccia 95

Aquatech Treccia 180

Aquatech Treccia Sagomata 120



FABRICS, CORDS AND BRAIDS IN TWIGGY YARN
100% polyolefin

Corda Twiggy

Maris

Treccia Twiggy



OTHER OUTDOOR FABRICS IN THE COLLECTION
100% polyester

Light



Luz



Madras

Tamil



MATERIALS

Diade
100% polyolefin

Diade is an unprecedented, patented and exclusive material, originating from the union of the fabric Maris or Tela with a rigid surface, weight bearing yet moldable, made of the same polymer. Diade is easy to maintain and sterilize and totally recyclable, a quality validated by Centrocot with a certificate issued on 11/12/2021 (Type II environmental assertion consistent with the standard UNI EN ISO 14021: 2016 point 7.8.1.1 C "). Its maintenance, both daily and periodical, is identical to that of the fixed upholsteries in the collection.

The particular technology used to couple the fabric to the bearing surface gives the products made of this material a stunning textile appearance with unforeseeable and always different mélange effects. This process can produce also light colour differences, which correspond to the areas where the fabric remains more or less pressed into the rigid surface. As any fabric, also Maris and Tela have their own specific elasticity and tend to adapt, each time, in a slightly different way to the panel geometries, without this compromising the structural and aesthetic quality of the material.

Amoriana

The tops in Amoriana are created by casting glass blocks according to a traditional technique to obtain a compact and thick sheet. To maintain its quality over time, it is enough to regularly clean the surfaces with a moist cloth.

Lightened concrete

The lightened concrete is composed of a mix of organic fibers, without resins; it is recyclable and inert at the end of its life cycle. It is resistant to compression, bending, abrasion, freeze/thaw cycles, as well as to the exposure in marine environments, sulfates and weak acids. This lightened concrete is also fire resistant. The tops are treated to limit the absorption of liquids and greasy substances; however, we cannot guarantee their complete sealing and water proofing. The quality of the finish can be maintained by regularly cleaning the surface with a moist cloth and reacting immediately in case of stains of oil, coffee, wine and acid substances in general.

We recommend a periodical treatment with beeswax and the total restoration of the surface treatment with the product supplied by the Company when necessary, to be carried out in a dry and clean area, protected from the elements. The treatment includes the cleaning of the surfaces with water and neutral detergent, avoiding too aggressive products, and the subsequent removal of dirt and stains by manually using sand paper, grain 120 (first step) and 180/200 (second step). Once the dust created in this way has been removed with a brush or with a soft bristle brush, proceed with the application of the protective liquid: shake it inside its container, pour it without diluting into a wide and low basin and spread it with a short-hair roller, about 20 cm wide and about 8 cm in diameter. The wet effect will last about 20 minutes; the surface will regain its matt appearance in a few hours. It is anyway necessary to wait at least 3 days before using again the table or the shelves that have undergone such treatment.

In some cases, little organic fibers may slightly protrude from the surfaces, an event that in no way represents a danger for the health and safety of the user and does not affect the structural and aesthetic qualities of the material. The protruding fibers can be easily removed by using abrasive disks, maximum grain 600, through gentle and constant rotary movements; never insist for a long time and with too much energy in a single point.

Ceramic and faience

The ceramic and faience surfaces are made and painted completely by hand and this make each piece unique. These materials are suited for an outdoor use, but do not withstand temperatures below 0°C. It is therefore necessary to shelter them inside in case of particularly harsh weather conditions, during the night if frost is expected or in areas subject to high day/night temperature variations and always for seasonal protection. To maintain their quality and brilliance, simply clean the surfaces regularly with a moist cloth.

Cristal

The Cristal tops are made by interposing a layer of fabric between two sheets of transparent extralight tempered glass. This whole is made integral by a film of thermosetting material, which allows to generate strong three-dimensional connections and guarantees the stability of the stratification over time. Film, fabric and glass are pressed and subjected to a heating process that produces a vacuum effect. The thickness of the top is sealed in order to allow it to be used outdoors. The tops are sensitive to the simultaneous presence of very cold areas (in the shade) and very hot areas (for example exposed to

direct sunlight): uniform overheating is not a problem, while the presence of strongly contrasting areas at the same time could, even if only in extreme cases, lead to the breaking of the top. To maintain its transparency and brightness, it is sufficient to clean the surface regularly with a moist cloth.

Glaze

The Glaze tops are obtained by manually glazing molded porcelain stoneware elements. The possible slight differences in color and appearance of the surfaces between one top and another are unpredictable and are the value and the distinctive feature of a completely handcrafted process. To maintain their quality over time, it is sufficient to clean the surfaces regularly with a moist cloth.

Graniglia and Lias

These outdoor surfaces are produced with a mix of limestone and clay and can be without decoration (Graniglia) or decorated with a modern, handmade ceramic micro-mosaic (Lias). Graniglia and Lias are treated to limit the absorption of liquids and greasy substances, but we cannot guarantee the complete water proofing and sealing. The quality of the finish can be maintained by regularly cleaning the surfaces with a damp cloth and acting promptly in the event of stains from oil, coffee, wine or acid substances in general.

Lava, marble and Pietra di Comiso

Lava, or lava stone, is a solid, long lasting material, which is resistant to temperature variations. Marble is a rock formation, mainly composed of calcium carbonate, whose colors depend on the quantity of layers or granules of mineral impurities it contains. Pietra di Comiso is a limestone with a compact grain and a porous surface, featuring characteristics very similar to those of marble. The tops made of these materials are treated to be water and oil resistant. The quality of the finish can be maintained simply cleaning the surfaces regularly with a moist cloth and reacting immediately in case of stains of oil, coffee, wine or acid substances in general. Never use too aggressive products.

Luce, Sciara, stoneware with glass decor

The tops in Luce are produced by glazing lava or stoneware slabs, according to thickness and colour shade requirements, with handcrafting techniques. Colours remain transparent and luminous and allow perceiving, through their shades, the porosity and the imperfections of the stone.

The tops of the Sciara tables and side tables consist of elements with different dimensions made by combining glass to the dark and porous surface of natural lava; they are subjected to a transparent and completely non-toxic superficial sealant treatment, which prevents the possibility that the glass loses cohesion with the lava, both due to its use and its natural cracks, and which protects against the penetration of impurities and biodeteriogenic agents. The treatement needs to be renewed periodically using the maintenance kit that can be requested to the Company. The treatment is not applied to plans composed of 7x7 cm elements.

The decorated stoneware tops combine the particular structural resistance of the base material with the fantasy of the decoration of its surfaces. The glass decors, transparent and luminous, offer designs that are sometimes more abstract, sometimes more geometric, like stripes or polka dots. This material, in addition to table and side table tops, can be used as wall covering as well.

The quality of the finish of these materials can be maintained by cleaning the surfaces regularly with a moist cloth. The treatment of Sciara tops must be renewed periodically according to the conditions of use.

Opus with glass and Opus with ceramic

The tops in Opus are made with a mixture of limestone and clay and are hand-decorated with a modern mosaic in recycled glass or ceramic fragments. Both version of Opus are treated water and oil-repellent to limit the absorption of liquids and greasy substances. This, however, does not guarantee the complete impermeability and sealing. The quality of the finish can be maintained by cleaning the surfaces regularly with a moist cloth and reacting immediately in case of stains of oil, coffee, wine or acid substances in general.

Venice

The tops in Venice are produced by mixing natural materials and binders. The different colours in the collection are created by adding natural oxides. The finish of the surface is made completely by hand and consists of different sanding phases, a water and oil repellent treatment and a final wax polishing. The quality of the finish can be maintained by cleaning regularly the surfaces with a moist cloth, reacting promptly in case of stains of oil, coffee, wine or acid substances in general.

WOOD

The treatments applied to Aqua Collection woods nourish and protect the material, limit the absorption of liquids and greasy substances, but do not make it waterproof nor prevent surfaces from aging, oxidizing and cracking. Wood matures over time, changing colour, compactness and structure, without this affecting their quality: these phenomena are perfectly normal and due to the very nature of the material; they are unavoidable but can be limited by a regular maintenance, following the instructions given below.

The frequency of the maintenance operations is strictly related to the conditions of use and the climate and environmental characteristics of the area where the product is used. For products used in interior or covered exterior environments, a deep cleaning may be sufficient every 12/18 months. For products exposed to more severe climate conditions, it is advised to check the condition of the surfaces and consequently increase maintenance frequency even to one or more times per month.

The products for the maintenance of wood surfaces supplied or recommended by the Company restore the finishes, limit mould and fungi growth and reduce parasites attacks. Almost completely biodegradable, they are composed of natural elements and do not emit harmful substances. It is possible to use products available on the market as long as they have the same characteristics and carefully following the manufacturer's instructions. The use of alcoholic or acid detergents, solvents, ammonia or abrasive materials is strictly prohibited.

The wengé-dyed woods do not require the application of further treatment beside the original one since the varnishing itself protects the surfaces. In this case, it is sufficient to clean the wood regularly with a clean, soft and slightly moist cloth.

Cedar wood

Cedar wood originates from Lebanon and Syria. The tree from which it derives, an evergreen conifer that has always been cultivated also in Italy, can reach considerable dimensions and provides a consistent material, with an unmistakable scent, resistant to water and humidity and with high mechanical properties. The cedar heartwood, used for the production of the Toku series is treated with a natural impregnating product, which makes it suitable for an outdoor use. Surfaces need to be cleaned regularly with a neutral liquid detergent, and then well rinsed and dried. It is advised to repeat periodically the original treatment with water-based products or with linseed oil to limit the natural aging and cracking of the wood.

Heat-treated ashwood

The heat-treated ash heartwood (Aurea®) is a material offering higher performances and featuring an orange brown colour, which results from a completely eco-friendly processing of the wood. This process makes ash more dimensionally stable compared to traditional wood, less vulnerable to mould, fungi, insects and humidity, therefore particularly suitable for an outdoor use. Panels and table tops are treated water and oil repellent with a water-based finish and need a regular cleaning with a slightly moist cloth and with the materials contained in the specific cleaning and treatment kit supplied with the product. Heat-treated ashwood ages with time, changing colour, without this affecting its quality.

Black locust and iroko wood

Black locust is a tree originating from North America; it has a compact thin fiber and resists to humidity. Its wood is often used instead of the traditional tropical woods to produce outdoor products, thanks to its structural characteristics and its hardness. The black locust heartwood used in its natural colour for the Portofino collection is steam dried. The structure of the fixed seating pieces and the tables of the Portofino collection in the dark died finish is made of iroko heartwood, a wood of African origin that is very resistant to bending and impact, as well as to changes in temperature, humidity and saltiness. Both woods are treated with an industrial acrylic wax varnishing cycle that has the characteristics of a true protecting varnishing. It is advised to clean the surfaces regularly with a slightly moist cloth to maintain the superficial finish at its best, which however cannot be restored with manual impregnating treatments.

Sassafras wood

Sassafras is an aromatic wood originating from North America with very marked orange-brown veins; it is a stable wood, does not contain tannin, shrinks very little and tends to repel humidity. It is therefore ideal for exterior environments. Sassafras surfaces are treated to be water and oil repellent with water based products and need to be cleaned regularly with a liquid neutral detergent, then rinsed and dried well. It is advised to repeat periodically the original treatment with water-based products or with linseed oil to limit the natural aging and cracking of the wood.

Sassafras LE002



1



2



3



4

1. New
2. Aging after medium exposition
3. Aging after long exposition
4. Head view

METALS

Stainless steel

Stainless steel is naturally resistant to corrosion and does not require further superficial finishing, since it develops a thin protection layer, which, in normal environmental conditions, is self-regenerating when damaged. Paola Lenti uses superior quality steels, certified AISI 304 and AISI 316, for bases and structures; screws are in stainless steel A2 and A4.
Stainless steel requires an easy, regular cleaning with a solution of water and neutral detergents. In case of difficult stains, use non-aggressive cream-products and nonabrasive sponges such as Scotch Brite. Greasy and oil stains can be removed with alcohol or acetone, using a clean, nonabrasive cloth. It is advised to pass the cloth in the direction of the satin finish and to clean the whole surface to avoid halation. Do not use abrasive cloths nor metal scourers, hydrochloric acid based detergents, bleaching solutions, nor silver detergents. For products used in interior or covered exterior environments, a deep cleaning may be sufficient every 6/12 months. For products exposed to more severe climate conditions, in particular heavy pollution or marine environments, it is advised to check the condition of the surfaces, where black spots may arise and consequently increase the maintenance frequency even to one or more times a month.

Matt and gloss varnished aluminium and steel

The parts of the products made of varnished aluminium and steel, both matt and gloss, are treated with a process that protect the material from corrosion and are finished with different varnishes according to the typology and destination of the product and the desired final effect, which make the surface resistant and suited to an outdoor use. It is advised to clean the surfaces regularly, even everyday if necessary, with a slightly moist cloth, possibly adding some neutral detergent, to keep the superficial finish at its best.

Esmal

Esmal is a complete handwork, which implies that superimposed layers of enamel blend through a high temperature firing process to create transparencies, opacities and oxidations. The copper base goes through an initial firing process, to burn any impurities. The powdered enamel is spread out with a sieve or a brush; thereafter, the object goes through several short firing phases that produce effects, which are different depending on the temperature and duration of the exposure to heat. It is advised to clean the surfaces regularly, every day if necessary, with a slightly moist cloth, and eventually adding some neutral detergent. It is absolutely forbidden to use brushes, abrasive tools, bleaches or solvents. A light and progressive oxidation of the edge of the tops is a natural phenomenon and does not affect the quality of the enameling.

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