



Royal  Botania^{.com}
o u t d o o r l u x u r y

Maintenance brochure

The materials used in the manufacture of the Royal Botania collections are carefully selected so we can guarantee our products meet the highest quality standards. However, to ensure that the furniture still looks good even after many years of use, some maintenance will be required. For your convenience the Royal Botania team has put together a range of care products, perfectly suited to your furniture and your comfort.



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Because Royal Botania make no concessions when it comes to quality, we only use carefully selected, fully grown teak, which is harvested in accordance with the strictest environmental standards. The wood comes from the *Tectona Grandis*, a tree that can grow to a height of 45m under the right conditions with a trunk diameter of up to 2.4 metres. The reason for its generally commended durability is the high levels of natural oils it contains. The resulting minimal moisture absorption prevents warping which gives it great stability. Moreover, the wood is extremely resistant to the influences of chemicals, as well as against attacks by vermin. Because of these qualities, combined with its exceptionally-beautiful colour and structure, teak is classed as the most premium wood on the planet.

The teak tree is predominantly found in the Golden Triangle, a region which covers Laos, Myanmar (formerly Burma) and Thailand. The qualities of teak were discovered several centuries ago and plantations were established in Africa, South-America and other South-East Asian countries.





The condition of the soil and the climatic circumstances have an important influence on the quality of the wood, only the Indonesian wood of the *Tectona Grandis* boasts similar qualities as the indigenous Teak wood. After the colonial era the Indonesian plantations came under the supervision of the local population and today are supervised by the Perum Perhutani government institution.

Only the mature wood has the excellent qualities mentioned, including stability and resistance. The tree is ready to be felled after 75 to 80 years. The trees are ringed, which means that the lower band of the bark is removed. The tree then loses most of its sap. About two years later it is felled and sawed up. The wood is then selected on the basis of its structure. Drying the wood is a very important phase and determines how it works later on. The time and speed of drying depends on the

thickness of the material that needs to be dried. The drying-schedules must therefore be adjusted according to the filling of the drying kiln. Ideally the level of moisture lies between 8 and 12% after this phase, not only on the outside, but also at the core. Naturally, after the drying phase, further processing is important too. This is especially true for outdoor furniture because it suffers the most. In fact the strength of the construction is largely determined by the precision of the process. Bad timber joints with too much tolerance create instability and if the fittings are too narrow they can cause splitting.



MAINTENANCE:

Teak does not need additional protection due to its high resistance. Nevertheless it may be useful to treat the wood so that it is less prone to staining. During outdoor use, the untreated wood will oxidise and get a silver grey patina due to exposure to water and UV rays. Whether this natural process is desirable or not is merely a question of personal taste.



PREVENTATIVE CARE:

Teak Sealer: teak sealer: The perfect treatment for maintaining its golden brown colour. This is suitable for use both indoors and out and slightly deepens the colour of the wood. The wood should be treated with teak sealer at regular intervals, so as to protect the wood from staining. Apply only when the wood is completely dry. **Ref: TEAS**

Teak Protector: Teak Protector: Protects the wood from moss in a moist outdoor environment. Makes spring-cleaning easier. It does not prevent greying. Use annually before winter. **Ref: TEAPR**

No Stain: Protects the wood from staining. Particularly for indoor use: bathroom furniture, parquet, tabletops. Does not contain a UV filter against greying. Makes cleaning easier. Does not affect colour on application. **Ref: NST**

CLEANING:

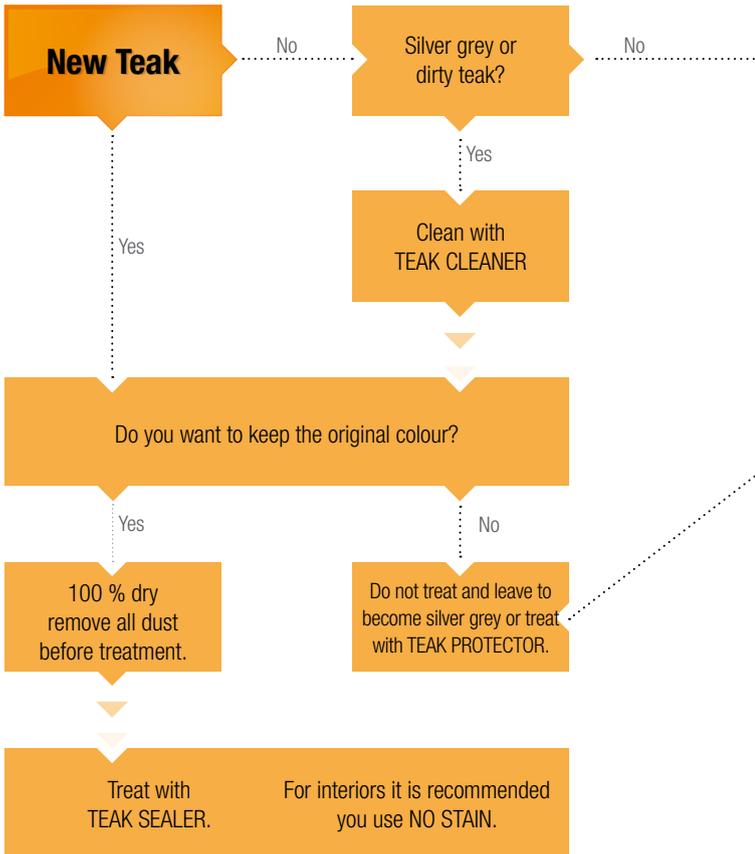
Teak Cleaner: Powerful cleaning agent for the removal of dirt and moss. Apply, allow to soak in and scrub. Do not use high pressure cleaners as they damage the wood fibres and increase the porosity of the wood.

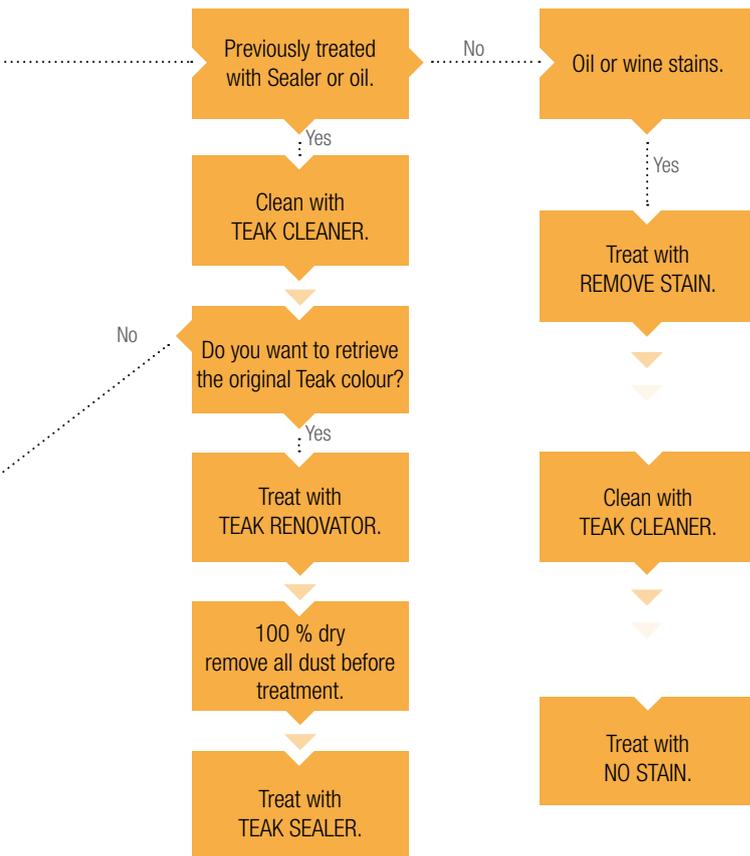
Ref: TEAC

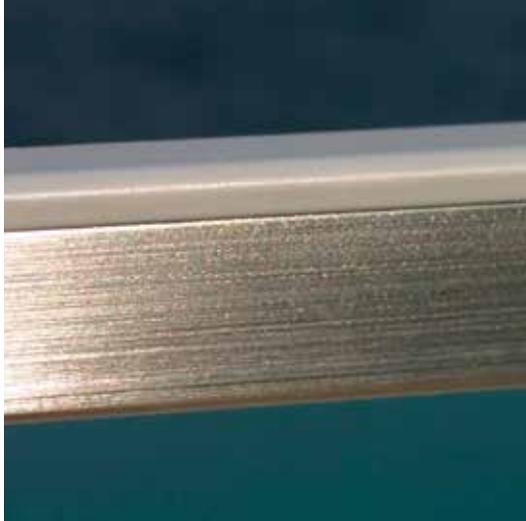
Teak Renovator: Partly restores the golden brown colour after greying. Powerful cleaner that penetrates the wood. **Ref: TEAR**

Remove Stain: Paste, specially developed to remove grease stains from teak. Apply the paste and allow to soak in. Rinse with clean water and, if desired, apply Teak Cleaner. **Ref: RST**

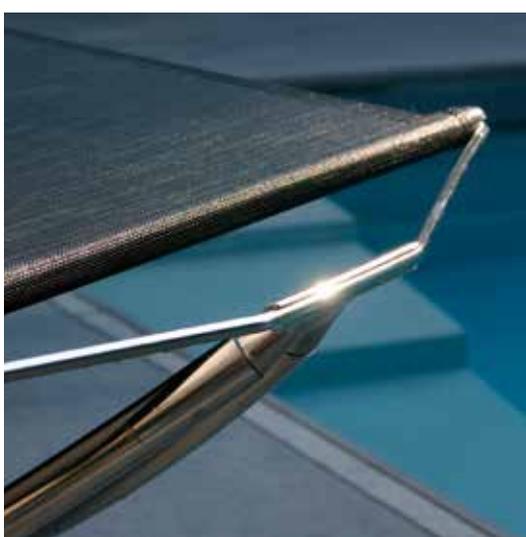








Brushed



Electropolished

Stainless steel, better known as Inox, is an iron alloy in which the resistance to corrosion is increased through the addition of chrome and nickel. The principle involves the protection of the outside surface by chromium oxide and nickel oxide molecules. These molecules are much bigger than the underlying iron atoms, which prevents the latter from combining with oxygen to form iron oxides – better known as rust. This passive layer protects the precious steel and is self-renewing. In order to obtain a chromium-and nickel oxide skin that is as pure and homogeneous as possible, and therefore optimally corrosion-resistant, the standard Royal Botania frames are etched and rinsed with demineralised water after which a passive layer is formed by natural oxidation. Chlorine is the biggest enemy of stainless steel and can cause a pitted form of corrosion known as “pitting”. Contamination by chlorides or

rusting particles can penetrate the passive layer and cause corrosion in certain places. This is when used near the sea - after all, sea salt is sodium chloride- it is necessary to give the metal as smooth a surface as possible and so give it an even greater resistance to corrosion. After all, if the surface is as smooth as possible, there is less chance for contamination to take hold on the metal surface, thus reducing possible corrosion. In the XQI, EZ, FOLD, WAVE, SURF and MIXT collections the standard frames are electro polished. For the NINIX, O-ZON, QT, UMBRELLA and TABOELA collections we advise optional electro polishing of furniture frames for use in a corrosive environment. Moreover, we recommend a strict adherence to the following cleaning procedures.



MAINTENANCE:

Since stainless steel is not corrosion resistant by definition, it is advisable to clean the furniture regularly with water and soft soap. This minimizes the contamination of the surface, including the contamination of the surface by metal particles known as airborne rust. In areas near the coast or influenced by industries with an increased concentration of chlorides or sulphur dioxides, cleaning to remove deposits is extremely important. Inside use causes annoying stains, usually through fingerprints.

REGULAR CLEANING:

In areas with a high corrosive impact (coastal areas, industrial areas) or the influence of thawing salt, smoke emissions and environmental pollution, more regular cleaning is needed (ca 3-4 times a year) than in areas where such influences are not so great or not present at all (ca 1-2 times a year). The overall principle is that cleaning should be done before the deposit of high-level contamination.

PREVENTATIVE CARE:

Stainless Steel Protector: light oil that protects and cleans. Prevents fingerprints and removes other superficial contamination. **Ref: SSP**

New STAINLESS STEEL?

No

Rust spots in irregular places

No

Yes



Yes

Treat with STAINLESS STEEL
easy PASSIVATOR

Rinse with the
demineralised water

RVS PROTECTOR

Regular cleaning with clean water and sponge to prevent the collection of dirt. See cleaning charts.

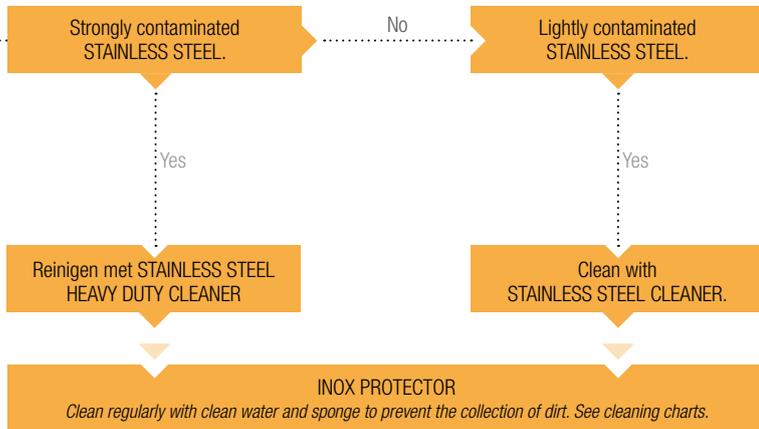
CLEANING:

Stainless Steel Cleaner: A soap-solution containing a light acid. For everyday maintenance. **Ref: SSC**

Stainless Steel Heavy Duty Cleaner: An efficient polishing paste containing a stronger acid. Minor scratches can be treated, especially for airborne rust or contamination from outside. Use with a soft cloth. **Ref: SSHC**

Inox Maintenance set: Maintenance set for thorough chemical surface cleaning. Includes: corrosion inhibitor aerosol, aerosol with demineralised water, stainless steel protector and a pair of gloves. Removes stubborn dirt, as well as rust stains due to iron contamination. Only apply to serious

contamination. Apply the corrosion inhibitor using the aerosol and allow ample time for it to act (15 to 30 minutes), depending on the severity of the contamination. Repeat if necessary. Then rinse using the demineralised water sprayer. This will prevent immediate contamination and ensure total corrosion inhibition of the stainless steel. Allow to dry in a shaded area in the open air and leave untouched for at least one hour. Attacks skin and eyes. It is mandatory to make use of the pair of gloves supplied. Protect the floor covering. Do not apply to a natural stone patio! Afterwards, apply preventive treatment using the Stainless steel protector supplied, ref: SSP. This light oil protects the stainless steel from fingerprints, etc. **Ref: SSM**



Aluminium is a non-ferrous metal, which combines great mechanical rigidity with light weight; this makes it especially suitable for making furniture. If treated correctly it has a good resistance to corrosion. One of the treatments is powder coating. After a chemical pre-treatment a epoxy powder is applied statically and baked. The advantages are easy cleaning and endless colour variations.



MAINTENANCE:

Simply use water and soft soap.
Avoid the use of scourers.







After diamond, granite is the hardest stone in the world. Granite combines high scratch resistance with minimal porosity. Minimal absorption of moisture makes the material highly frost resistant, so, unlike many other types of stone, exterior use does not affect its appearance. These characteristics make granite one of the best materials to use for the production of lighting fixtures.

PREVENTATIVE CARE:

No Stain: Increases the resistance of smoothed working surfaces to stains, creams, etc. **Ref: NST**

CLEANING:

Simply use water and soft soap. A high-pressure cleaner is ideal for outdoor furniture.



Batylite: For the seats and backs of our chairs and beds we use Batylite® fabric, a polyester fibre which is provided with a PVC-coating and then woven. The fibres are then melted together to create an extremely form-fast, stretch-and tear resistant fabric. Apart from its exceptional mechanical strength, it has a high chemical resistance. The synthetic coating guarantees an extremely high weather- and UV resistance. The fact that no moisture is absorbed results in rapid drying, maximum stain- and mould resistance and simple cleaning. The most important feature is its pliancy and optimal seating comfort.

CoaXXS®: The name CoaXXS® refers to the coaxial construction of an extremely stretch resistant polyester core, covered with a coloured synthetic casing. The result is not only “Xtra Xtra Strong” but above all it is the most natural-looking synthetic fibre on the market. It gives an unmistakable classy look to all furniture, both indoors and out!

Stamskin®: The Lazy collection of Royal Botania is available in a Stamskin® finish. Because of the elasticity and suppleness of this synthetic leather it's ideal for outdoor use. With it's great comfort, Stamskin® is also exceptionally UV-resistant, has a low stain sensitivity and is easy to clean.

MAINTENANCE:

Simply use water and Batylite® CoaXXS®-cleaner. Avoid the use of abrasive products and solvents. **Ref: BCC**





Because only the best will do, all Royal Botania fabrics has been woven from mass-coloured acrylic fibre; your security for optimal water- and UV resistance, plus years of comfort.

MAINTENANCE:

Most stains on the fabrics can be cleaned with mild soap and water. Simply remove dirt by scrubbing with water (under 40°C) and natural soap. Rinse liberally with clean water to remove all the soap. Removable covers can be washed at 40°C in the washing machine. Do not iron or spin dry. To prevent creasing replace the covers while still damp, and dry in the open air. Store the material in a dry, well-ventilated area during the winter.

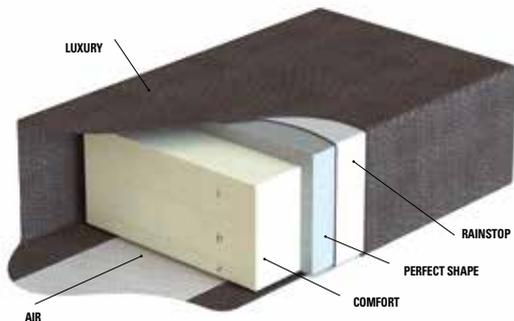
ROYAL BOTANIA HAVE CREATED A NEW INNOVATIVE METHOD OF PROTECTING OUTDOOR CUSHIONS FROM THE WEATHER ELEMENTS OF RAIN AND DEW.

It means that your outdoor furniture cushions will dry quicker and last even longer.

More info: www.rainstop.be

The new solution laminates a special membrane to high performance textiles, which are then sealed together to produce a material called RainStop. Rain-Stop has outstanding resilience to water.

LUXURY The LAZY collection is offered in 2 different fabrics: a modern leather-look (white or beige) finish or a warm tuxedo linen acrylic. The latter is laminated with a TPU membrane that makes the fabric waterproof. The former is a neo-composite



textile, Stamskin®, with antifungal and antibacterial treatment. Both will give your outdoor space a sophisticated look.

RAINSTOP All Royal Botania cushion foams are protected with a Rain Stop skin that allows the cushion to breathe while still giving it an extra waterproof protection.

AIR Ventilation is of primary importance to keep your cushions healthy. That's why the bottom of each cushion has Batyline® mesh that allows a perfect air flow.

COMFORT Only the best is good enough! That's why the foam core of these Royal Botania LAZY cushions is actually a combination of 3 different densities of foam. The lower layer (a) is very hard and acts as the cushion's spine, while the medium hard middle layer (b) gives the necessary support to the softer top layer (c), so as to achieve the ultimate in comfort.

PERFECT SHAPE A DACRON® cladding brings a soft touch and reduces wrinkles.





MAINTENANCE:

Brass and zinc: Simple maintenance with water and soft soap. Avoid using scouring sponges and abrasive products as they remove the natural patina.

Cast steel: because of its particular composition, this cast steel needs no maintenance. The oxidised casing protects the underlying material from any further corrosion. On no account should you use any abrasive products and/or scourers. Please Note! Rinsed off iron oxide may cause rust stains on the ground area.





The New England collection is made of wood coated with a scratch-resistance polyurethane lacquer. It has the same properties as classical exterior joinery work and the same warm character.

MAINTENANCE:

Similar to the standard maintenance of exterior joinery. Clean with water and soft soap. On no account should abrasive products and/or scourers be used. Damage to the paint must be repaired as soon as possible with a lacquer stick, which is available in the same colour, to prevent the wood from becoming exposed to outside elements.





Its resistance to staining and scratching makes glass a highly suitable material when making table-tops for outdoor furniture. The cappuccino-coloured glass used in the Royal Botania collection has a smooth, shiny surface, whereas the white, cafe latte and black versions have a matt acid-washed finish, which is even more scratch- and fingerprint resistant.



MAINTENANCE:

Glass surfaces may be cleaned with classic glass cleaners, in the case of stubborn dirt and calcium deposits, the "Glass Heavy Duty Cleaner" may be used. Use only for serious contamination. Avoid contact with skin and eyes. Extra protection from the Heavy Duty Glass Cleaner set is required.

Ref: GLHC



Polymethylmethacrylate or PMMA is a synthetic material which is particularly impact-resistant and resilient lending itself particularly to the formation of mouldings for outdoor furniture. The material has a matt finish to achieve a soft and non-reflective surface.

MAINTENANCE:

PMMA or acrylate is non-porous, so spilled fluids are not absorbed into the surface. Certain chemicals can cause staining or can damage the surface. These are strong acids, ketones such as acetone, chlorinated solvents such as chloroform, and combinations of strong solvents such as paint strippers.

Daily maintenance is done with a mild abrasive cream. The surface is renewable and minor damage and scratches can be completely repaired, restoring the surface to its original condition using fine sandpaper (320) or a soft abrasive cream and scouring pad.

5 good reasons for choosing acryl gamma:

1. durable
2. non-porous
3. hygienic
4. impact-resistant and chip-proof
5. UV-resistant.







The “solid surface” materials incorporated in the Royal Botania Collection rely on the application of the Corian® or Kerrock® brands. Made of mass-dyed composite material, they combine mass with homogeneity, yet without seams or joints. The basic ingredient of this product is aluminium trihydrate (ATH). Other components are acrylic resins, which are used as a binder. Aluminium hydroxide makes the material very sturdy and also more heat-resistant than other synthetic materials.

MAINTENANCE:

SSM are non-porous, so spilled fluids cannot penetrate the surface. Certain chemicals can cause staining or can damage the surface. These are strong acids, ketones such as acetone, chlorinated solvents such as chloroform, and combinations of strong solvents such as paint strippers. Daily maintenance is done with a mild abrasive cream. The surface is renewable and minor damage and scratches can be completely repaired, restoring the surface to its original condition using fine sandpaper (320) or a soft abrasive cream and scouring pad. Mild cigarette burn marks can be removed easily in the same way.

Acrylate provides flexibility, making it easy to process and very strong.

5 good reasons for choosing SSM:

1. durable
2. non-porous
3. hygienic
4. UV-resistant
5. very colourfast.





High pressure laminate (HPL) by TRESPA® is ideal for outdoor use, because of the following properties:

5 good reasons for choosing HPL:

1. water resistant
2. easy maintenance
3. impervious to bacteria or micro-organisms
4. scratch-resistant
5. very colourfast.

MAINTENANCE:

Laminate is easy to clean with a sponge and an all-purpose household cleaner. Afterwards, rinse and/or wipe off to avoid streaks. Do not use cleaners which have an abrasive or polishing action. Use only sponges, soft nylon brushes or cloths. Do not use brushes with hard bristles. Algae and moss can occur in places that remain cool and moist for prolonged periods of time and which are exposed to very little sunlight. Thanks to the closed surface, algae and moss will only grow on the top of the surface, making good cleaning very easy.

Ceramic table tops are made of inorganic materials that crystallise at very high temperatures and thus, are very hard and resistant to wear.

This material, with a sleek and modern appearance, is distinguished by the following exceptional properties:

1. extremely resistant to abrasions and scratches
2. 100% water- and frost-resistant
3. resistant to stains
4. easy to maintain
5. UV-resistant.

MAINTENANCE:

Ceramic table tops are easy to clean with a sponge and an all-purpose household cleaner. Afterwards, rinse and/ or wipe off to avoid streaks. Although the ceramic surface is extremely hard and wear-resistant, we do not recommend the use of cleaners with an abrasive or polishing action. Use only sponges, soft nylon brushes or cloths. Do not use brushes with hard bristles. Algae and moss can occur in places that remain cool and moist for prolonged periods of time and which are exposed to very little sunlight. Thanks to the closed surface, algae and moss will only grow on the top of the surface, making good cleaning very easy.



All Royal Botania products are designed for a lifetime of outdoor use. The carefully selected natural materials only add to the prestige and design of our furniture ranges. As with most natural materials, Teak wood has minor differences in colour and texture as well as wind cracks. These only add to the natural charm and unique character of our luxurious furniture.

Our raw materials are carefully selected and we only use the highest quality products in our production processes to create our ranges. We appreciate that manufacturing issues may occasionally occur and Royal Botania would like to assure you that your local Royal Botania specialist and our in-house quality team will resolve any issues that may arise. More details regarding the Royal Botania warrantee can be found on our website www.royalbotania.com



The Royal Botania team

If you wish to keep abreast of the latest developments
you can subscribe to our newsletter.
www.royalbotania.com.

