

Thank you for purchasing a TON product. The mission of TON is to make products that meet the highest demands for design, quality and functionality. This is also documented by numerous awards our products won on domestic as well as foreign markets.

Our product development and manufacture are based on principles of the original manufacturing technology of manual bending, tested by years of tradition and enhanced with the newest knowledge in the areas of design

and other manufacturing technologies. Every product undergoes a specific stress test in compliance with European standard EN 16139 Furniture – Strength, Durability and Safety. Most of our products are made of natural materials such as wood, cane weave, leather, wool, cotton etc. The natural origin of our products is manifested by colour alterations, growth defects of wood or leather, changes in wood texture or micro cracks, folds or waves in leather and fabrics. These are no defects, rather the

contrary. Every TON product is an original unique piece of furniture made by human hands. You can be sure that no one else will have the same TON chair as you.

Regular professional care extends the life of any product, thus increasing your satisfaction with its use. Let us inform you how to best use TON products and how to take care of them.

## Ambient environment

Just like people are harmed by extreme environmental effects, so is furniture made of natural materials. Non-standard relative humidity (lower than 40 % or, on the other hand, higher than 60 %) can negatively affect the product, causing shape deformation, damage to the uphol-

stery or cane. If the product is exposed to direct sunshine or another heat source (fireplace, stove, heating radiator etc.), its colour may change, its wooden, cane or leather parts may crack etc. This is a common phenomenon that occurs commonly in the natural environment you live in.

Surroundings include also claws of your pets, metal parts of clothes and hard seams, kitchen knives and other sharp objects which, when used without proper attention, may cause scratches and other damage to the surface of wood or leather, tears in a fabric or cane weave etc.

## Wooden parts

Every piece of wood has its unique character and texture, which means that there are no two absolutely identical products and that identical appearance of two table tops and additional panels cannot be guaranteed. Also knots and pith rays are common features of naturally growing material. Our products may contain small healthy knots which document the natural origin of the material.

The very structure of wood and its processing is a cause of different reactions of the individual parts to dyes and finishing materials. Steaming causes the characteristic pinkish colour of beech wood, which may mainly be seen in the light-stained shades. Steaming also changes wood properties of veneer, therefore veneers and solid wood react differently to dyeing, staining and finishing materials. UV radiation may cause colour differences between solid wood and veneered parts of the same product. Also dye oxidation caused by UV radiation will be different on a table top and a less frequently used or hidden insert panel. These changes cannot be subject to claim.

Wood as a natural material constantly breathes and reacts to the ambient environment. As a result, micro cracks may appear in the lacquer or the wood texture may slightly surface in the course of life of the wooden product. Liquids act negatively on the surface, soaking through may cause stains or glass bottom prints. Therefore, all spilled liquids should be wiped dry immediately.

Lacquered or oiled surface can also change colour or get damaged by placing a hot pot on the table top. This unwanted effect may be prevented by careful handling and use of insulating mats under hot pots or bowls. Another natural reaction to the environment is shape deviation in products with manually bent wooden parts.

For this reason, a dimension tolerance of  $\pm 2$  cm is defined for the leg spacing of every bent furniture product. The bent parts may also be stressed by transport, which may result in slight wobble of the product. This is not a product defect, as this condition is remedied by sitting on it. Tolerance of  $\pm 3$  mm is defined for solid wood table tops to account for environmental effects. This tolerance also applies to the connection of the table top to the additional folding panel. Spontaneous sag of separate table tops is prevented by a reinforcement on the bottom side supplied from the dimensions over 50 cm.

### Treatment of lacquered tops

Lacquered surface finish does not usually require special maintenance. Dust wooden parts of the product with a soft, clean and dry duster of lint-free material (cotton, linen, buckskin). When dusting the furniture, do not press hard on the duster to avoid irreversible polishing of the surface. Wipe off spilled liquids immediately. Do not let large stains dry on the surface but remove them immediately with a moistened cotton cloth and then wipe the treated area dry. Cleaning and treatment with special furniture detergents is not necessary. However, if you do use them, you should follow instructions for use by their manufacturers and test them first on a less visible area.

! Never use concentrates or abrasive detergents (abrasive and polishing paste, powders) as they might scratch and damage the lacquered surface. Never use furniture polish or other products containing oils or waxes on a matt surface as they would produce uneven glossy stains on the surface.

### Oiled surface treatment

Oiled surface finish requires regular care and preventive careful use. Dust wooden parts of the product with a soft, clean and dry duster of lint-free material (cotton, linen). Dry spilled liquids from the surface immediately with a textile or paper towel; do not smear the liquid on the surface unnecessarily. Then wipe the surface with a well wrung out cloth in the direction of the wood fibre and dry immediately. Do not let large stains dry on the surface but remove immediately and wipe the area using the same procedure.

It is recommended to check oiled furniture regularly and treat it with a new oil layer when necessary. Wood may absorb oil unevenly during manufacturing and therefore the surface may be rougher to the touch or porous in places. The oil itself also naturally dries out. Rough and abraded spots, glossy edges, stains, minor scratches, dirt from shoes etc. can be repaired by a new oil layer. If you use a furniture treatment set recommended by the furniture manufacturer, follow the instructions for use carefully. If you use any other commercially available product for oiled surface treatment, follow its manufacturer's instructions and test the product first on a less visible area.

How to proceed with oiling can also be found in the video tutorials on our website.

! Never use concentrates or abrasive detergents (abrasive and polishing paste, powders) as they might scratch and damage the oiled surface.

## Upholstered parts

The texture of the fabrics used for furniture upholstery is different from the texture of the fabrics used for clothes and cannot be washed in most cases. Sunshine, radiant heat sources, or cold dry air generated by air conditioners cause drying of the fibre, which deprives the fibres from their flexibility, firmness and colour stability. Dust and sand particles are abrasive materials damaging the fibre. Sweat, skin grease or substances contained in cosmetic products can stain the fabric surface or react with the pigments used for the fabric dyeing. These effects, unlike staining with liquids, can act unnoticed but may contribute to accelerated ageing of the material.

During upholstering or subsequent use, moderate waving or folding of the upholstery material may occur. In the

course of the product use, mutual rubbing of materials against each other may cause piling on the most stressed parts of the upholstered surface. These changes are given by the properties of the upholstery material or by the used upholstery technology and cannot be subject to claim. Light shades of fabrics, artificial or natural leathers, can be stained when in contact with other materials (non-colourfast textiles, denim, newspapers, magazines etc.). This staining, caused by chemical reactions of colour pigments, is not a sign of low quality of the upholstery materials and cannot be subject to claim.

Natural leather is a very popular upholstery material as it is soft and warm to the touch, has a pleasant characteristic smell and is wear resistant. Its quality depends on the animal's lifestyle as well as on the method of the leather

processing. Minor defects originating during the animal's life, such as wrinkles, blood veins, scars, scratches etc. are regarded as permissible and are even required as an evidence of the 'genuine and unique' quality of the leather. Unacceptable defects include deep scratches, burnt marks, thin leather and processing related defects. In case of products with removable seat or backrest parts with exchangeable upholstery, the PUR foam should be protected against liquid soaking by a cover made of a waterproof material Sanapur. This material is washable, provided with antibacterial treatment and easy to maintain.

International cleaning symbols inform about proper care of the material.

### Fabric and artificial leather treatment

Remove dust regularly with a vacuum cleaner with fine suction force and then comb the surface with a soft brush in the pile direction. Wipe the fabrics from time to time with a moistened white cotton cloth or buckskin to prevent excessive drying of the fibre by dry air in the room. Dry spilled liquids from the surface immediately with a white cotton or paper towel; do not smear the liquid on the surface unnecessarily. Do not let coarse impurities dry on the surface but remove them immediately with a dull object (such as a spoon). Finer impurities can be cleaned with lukewarm water (up to 30 °C) with a non-aggressive washing detergent. Do not scrub stains but wipe them off carefully with a moistened sponge. Wipe the stains from the edge towards the centre (or in the pile direction) to avoid making them larger. Do not press the solution to the fabric so as not to wet it excessively. Dry excessive moisture with a dry cloth again. Let the surface dry in room temperature, do not dry it in the sun, near heat sources, by hair dryers etc. Comb the dry fabric with a soft brush in the pile direction. In case of severe staining, use dry foam, an upholstery cleaner or chemical cleaner according to the symbol on the fabric.

Foam shampooing should carefully follow the instructions of the detergent manufacturer. If you do not want to risk in-house cleaning or do not know how to do it, ask a specialised company.

Pilling may be removed by brushing with a fine brush. Synthetic fibre is firmer and therefore pilling may be removed by careful cutting off with scissors or by means of special blades. Never tear the pilling off the fabric by force. There is no guarantee that the pilling will not reappear after their removal.

Artificial leather is usually undemanding in maintenance. Remove dust regularly with a fine suction force of your vacuum cleaner or with a wet cotton cloth. Dry spilled liquids immediately by a dry cotton or paper towel. Do not let other stains dry on the surface but remove them from the surface immediately with lukewarm water. Wipe the surface carefully with a moistened cotton cloth and dry with a dry towel.

### Natural leather treatment

Remove dust regularly with a fine suction force of your vacuum cleaner or with a wet cotton cloth. Dry spilled liquids immediately with a dry cotton or paper towel. Do

not let other stains dry on the surface but remove them from the surface immediately with lukewarm water.

Wipe the surface carefully with a moistened cotton cloth and dry with a dry towel. Once the leather absorbs the liquid, the staining may be irreversible! Complex leather cleaning and conservation by special leather cleaners is recommended to be done 2–4 times a year depending on the intensity of the furniture use. When using any of these cleaners, follow the manufacturer's instructions and test the product first on a less visible area.

! Never use chemical solvents or removers (acetone, benzene, trichloroethylene) or abrasive cleaning paste for fabrics, artificial and natural leathers. Never use polishes or oil- or wax-based products for artificial leather cleaning as they might produce uneven glossy stains on the surface. When cleaning, prevent contact of the detergent with the wooden parts of the product. Do not use hot water or steam cleaners to avoid damage to the upholstery material and do not expose the wooden parts to excessive moisture and heat.

### Other parts

The cane in our products is purely natural. Today, ready-made cane sheets are used instead of hand-weaving. The sheets are made from the inner part of the stem of rattan liana from the forests of Southeast Asia. Before being processed, the cane sheet is moistened to become flexible and then pressed into the groove in the seat or backrest by twisted rattan strings. Drying out then results in the required tensioning of the cane. Rattan fibre as a natural material naturally frays. During processing, the cane surface is smoothed with an electric razor. Cane may crack in a dry and warm environment or by excessive pressure in one place, therefore never kneel or stand on the cane parts of the furniture. To increase the strength and durability of natural cane weave, we recommend application of additional plastic weave (netting). Swivel chairs (types 503, 505, 523) swivel thanks to a simple cast iron mechanism. Swivel is always accompanied by height change, as the swivel mechanism is not connected with mechanical control in these products. Maximum unscrewing and complete disconnection of the parts is prevented by a safety lock (metal stop). Please note that products supplied before the end of 2014 are not yet equipped with the safety lock

and therefore complete unscrewing (i.e. screwing over 68 cm), disconnection and fall may still occur. Please note that swivel chairs (type 503, 523) are designed for home use only; they do not comply with certification for office furniture.

Surfaces made of high-pressure laminate are extremely resistant to scratch, cigarette ash, temperatures up to 180 °C, standard liquids and alcohol. However, careful handling is always recommended. It is not recommended to expose joints and edges to long-term water effect which might damage the edge glue, lipping or chipboard. Glass tops of our products are made of hardened safety glass highly resistant to impact and extreme temperature changes. Table top thickness and light transmittance may differ depending on the model. Even though the glass is hardened for increased safety, never sit or stand on the glass tops.

### Treatment of other parts

Remove dust from the cane parts regularly with a vacuum cleaner with fine suction force or comb the surface carefully with a soft brush. Wipe the cane from time to time with a slightly moistened white cotton cloth

or buckskin to prevent excessive drying of the fibre by dry air in the room and let dry naturally. This treatment can be applied even if plastic netting is used under the natural cane weave.

Other parts of the product may be cleaned with standard cleaning detergents designed for the particular material (plastic, metal, glass etc.). When using any of these cleaners, follow the manufacturer's instructions and test the product first on a less visible area. Severe staining may be removed with lukewarm water. Don't forget to wipe the surface dry with a soft cotton cloth. The cast iron swivel mechanism of chair types 503, 505, 523 does not need special lubrication. However, a one-time application of a very thin layer of silicone oil will do no harm. To prevent furniture or floor material damage, it is recommended to check the wear of glides every 6 months (particularly the felt and Teflon glides).

! Never use chemical solvents or removers (acetone, benzene, trichloroethylene) or abrasive cleaning paste for any other material of your product. As for laminated surface, never use polishes or oil- or wax-based products, as they might produce uneven glossy stains on the surface.

### Product assembly and joint check

Follow the Assembly Instructions when assembling the purchased product. Assemble tables on a suitable soft surface. This will prevent mechanical damage to the table top. After completing the assembly, take the table out from the carton wrap and put it on legs. The table should be handled by the number of persons recommended in the Assembly Instructions. Otherwise you

might cause damage to the legs, the table top or the folding mechanism. Regularly check and tighten all screws and bolts used for connections of the individual parts. This will increase the life and overall strength of the product. Increased clearance of the joints may result in excessive stress on parts and subsequent damage to the product.

! Do not overload the extended table at the point of connection of the table tops. Do not sit, stand on the tables, etc. The wheels are not used for transporting the table (either in a folded or extended state).

### Important information

After the end of the furniture service life treat it as waste, that is hand it over to an authorised waste disposal company for environmental disposal. Please follow all the instructions and recommendations contained herein. Regular professional care will extend the life of your product. In addition, professional care

may be required for application of warranty claims. In case of your failure to follow the above-mentioned instructions and recommendations, the manufacturer takes no responsibility for potential damage caused by inappropriate use or handling of the product. TON strives to continuously improve all its products.

Therefore please note that changes of the used materials, structure or surface finish may occur at any time. This may also be connected with changes of instructions or recommendations for use of the products.

# overview of upholstery materials



## ■ Fabrics and artificial leathers

	Width	Abrasion resistance	Pilling	Self-extinguishing	Ecology	Cleaning
<b>Alcantara Avant</b> Composition: 68% polyester, 32% polyurethane	142 cm	150 000 MD	—	BS 5852 Crib 5	Oeko-Tex	
<b>Dante</b> Composition: 95% Merino virgin wool, 5% polyamide	140 cm	52 000 MD	4-5	BS 5852 Crib 5 California TB117-2013 DIN 4102-1 Class B2	RAL-UZ 117 Appendix 2+3	
<b>Fargo</b> Composition: 100% polyester	152 cm	66 250 MD	4-5	EN 1021 Part 1	Oeko-Tex	
<b>Garda</b> Composition: 100% Trevira CS	140 cm	80 000 MD	5	BS 5852 Crib 5 California TB117-2013 EN 13773 Class 1 DIN 4102 Class B1 ÖNORM 3800-1 Class B1,Q1,TR1 NF 92501-7 Class M1	Oeko-Tex	
<b>Ginkgo</b> Composition: 85% polyvinyl chloride, 15% cotton	140 cm	150 000 MD	—	BS 5852 Crib 5 California TB117-2013 EN 1021 Part 1 & 2 DIN 4102 Class B2 NF 92503 Class M1	Oeko-Tex REACH	
<b>Grain</b> Composition: surface 100% polyurethane; underlay 67% polyester, 33% cotton	140 cm	200 000 MD	—	BS 5852 Part 1 & 2 EN 1021 Part 1 & 2	REACH	
<b>Harby</b> Composition: 100% polyester	152 cm	50 000 MD	4-5	EN 1021 Part 1	Oeko-Tex	
<b>Jet Bioactive</b> Composition: 100% Trevira CS Bioactive	140 cm	65 000 MD	5	BS 5852 Crib 5 California TB117-2013 EN 13773 Class 1 DIN 4102 Class B1 ÖNORM 3800-1 Class B1,Q1,TR1 NF 92501-7 Class M1	Oeko-Tex	
<b>Jim</b> Composition: 56% cotton, 12% linen, 12% polyester, 12% viscose, 8% acrylic	142 cm	53 750 MD	3	EN 1021 Part 1	Oeko-Tex	
<b>Lerma</b> Composition: 100% polyester	150 cm	115 000 MD	4-5	EN 1021 Part 1	Oeko-Tex	
<b>Lowlands Plain</b> Composition: 70% Merino virgin wool, 30% polyamide	140 cm	188 000 MD	3	BS 5852 Crib 5 EN 1021 Part 1 & 2	REACH	
<b>Luciana</b> Composition: 55% cotton, 31% polyester, 14% acrylic	150 cm	40 000 MD	4	EN 1021 Part 1	Oeko-Tex	
<b>Manresa</b> Composition: 51% cotton, 19% polyester, 11% linen, 11% viscose, 8% acrylicakryl	150 cm	57 500 MD	4	EN 1021 Part 1	Oeko-Tex	
<b>Robo</b> Composition: 33% cotton, 30% polyester, 20% viscose, 9% linen, 8% acrylic	150 cm	50 000 MD	3	EN 1021 Part 1	Oeko-Tex	
<b>Sanapur</b> Composition: surface 100% polyurethane, underlay 100% polyester	140 cm	—	—	—	Oeko-Tex	
<b>Sand</b> Composition: 100% Trevira CS	140 cm	50 000 MD	4	BS 5852 Crib 5 ISO 8191 Part 1 & 2 DIN 4102 Class B1	Oeko-Tex	
<b>Sera</b> Composition: 96% Merino virgin wool, 4% polyamide	140 cm	122 000 MD	4-5	BS 5852 Crib 5 California TB117-2013 DIN 4102-1 Class B2	RAL-UZ 117 Appendix 2+3	

<b>Topia</b>						
Composition: 95% Merino virgin wool, 5% polyamide	150 cm	50 000 MD	5	BS 5852 Crib 5 California TB117-2013 DIN 4102-1 Class B2	RAL-UZ 117 Appendix 2+3	
<b>Torino</b>						
Composition: 100% Trevira CS	140 cm	70 000 MD	5	BS 5852 Crib 5 California TB117-2013 EN 13773 Class 1 DIN 4102 Class B1 ÖNORM 3800-1 Class B1,Q1,TR1 NF 92501-7 Class M1	Oeko-Tex	
<b>Walker</b>						
Composition: 100% Trevira CS	150 cm	45 000 MD	5	BS 5852 Crib 5 ISO 8191 Part 1 & 2 DIN 4102 Class B1	Oeko-Tex	

## Leather

Elmosoft	Size	Thickness	Self-extinguishing	Ecology	Cleaning
Type of leather: semi-aniline leather	± 4,8 m <sup>2</sup>	1,10–1,30 mm	BS 5852 Crib 5 California TB117-2013 ISO 8191 Part 1 & 2 EN 1021 Part 1 & 2	—	
<b>Elmotique</b>					
Type of leather: aniline leather	± 4,8 m <sup>2</sup>	1,00–1,20 mm	California TB117-2013 ISO 8191 Part 1 & 2 EN 1021 Part 1 & 2	—	
<b>MDR</b>					
Type of leather: pigmented leather	± 4 m <sup>2</sup>	0,80–1,00 mm	BS 5852 Part 1 & 2 EN 1021 Part 1 & 2	REACH	
<b>Prince</b>					
Type of leather: pigmented leather	± 4,5 m <sup>2</sup>	0,90–1,00 mm	BS 5852 Part 1 & 2 EN 1021 Part 1 & 2	REACH	

## List of symbols

Machine wash at a maximum temperature of 95 °C and normal agitation. Normal rinsing and normal spinning.	Machine wash at a maximum temperature of 30 °C and very limited agitation. Normal rinsing and gentle spinning.	Maximum iron temperature 150 °C.
Machine wash at a maximum temperature of 60 °C with reduced agitation. Rinsing in water of decreasing temperature and gentle spinning.	Do not wash.	Maximum iron temperature 110 °C. Caution when using steam iron.
Normal mechanical washing in a washing machine at a maximum temperature of 60 °C. Normal rinsing and spinning.	Bleaching products releasing chlorine can be used. Use diluted cold solution only.	Cannot be ironed, steamed or otherwise treated with steam.
Machine wash at a maximum temperature of 40 °C and very limited agitation. Gentle rinsing and gentle spinning. No hand wringing.	No bleaching products releasing chlorine can be used.	Can be dry-cleaned with tetrachlorethene (perchloroethylene) or solvents under a similar symbol with the letter F. No cleaning process restriction.
Machine wash at a maximum temperature of 30 °C and normal agitation. Normal rinsing and normal spinning.	Can be tumble dried at a medium heat setting.	Can be dry-cleaned with tetrachlorethene (perchloroethylene) or solvents under a similar symbol with the letter F with limited water added, with limited agitation or with limited drying temperature.
	Drying in a drum dryer with a mild drying programme at a lower temperature.	Upholstery cannot be cleaned chemically. Do not remove stains with organic solvents.
	Do not dry in a tumble dryer.	