

Environmental Requirements Furniture & Fitments

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APPROVED BY PROCUREMENT & PREMISES

ENVIRONMENTAL REQUIREMENTS FOR PRODUCTS: FURNITURE

For each product group, several absolute requirements and a number of recommended requirements have been set up.

The absolute requirements are mandatory and are part of the contract terms and conditions. The supplier must be able to document compliance to these requirements upon request. Some of the absolute requirements are statutory EU requirements; however, they are specified in the contract as they are typically problem areas.

The recommended requirements are recommendations that are weighted positively in the choice between competing products.

This document is specified for furniture and fitments - concept arrangement and special furniture and fitments.

Absolute requirements

Furniture and fitments must comply with the following requirements to be eligible for purchase by Danske Bank. The supplier must be able to document submit a declaration to the effect that the furniture and fitments fulfil the following absolute requirements on request.

- All furniture and fitments delivered to Danske Bank must not contain Substances of Very High Concern (SVHC) included in the latest candidate list published and updated by ECHA in a concentration above 0.1% weight by weight. The current candidate list can be found on the website of the European Chemicals Agency: <http://echa.europa.eu/candidate-list-table>
- All furniture and fitment with an electric or electronic function must be CE labelled and comply with [Directive 2011/65/EC](#) (RoHS) on the restriction of the use of certain hazardous substances in electrical and electronics equipment.
- All furniture and fitment must not contain substances or mixtures listed as persistent organic pollutant (POPs) under Annex A of [Regulation \(EU\) 2019/1021](#) on persistent organic pollutants.
- All furniture and fitment must comply with the restrictions laid down under Annex XVII of Regulation (EC) no 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). This includes but is not limited to Azocolourants and Azo-dyes

which may split off into aromatic amines listed under entry number 43.






- Furniture and fitment supplied to Danske Bank may not contain the materials, substances or use the manufacturing methods listed in [Annex I](#) to this document.
- Chemical substances and mixtures used in the production of furniture and fitments must not be classified in accordance with [Annex II](#) to this document.
- Use of surface treatment products classified as environmentally harmful must not exceed the amounts specified in [Annex III](#)
- Furniture and fitments and details thereof manufactured from plastics should as far as possible be manufactured from homogenous polymers to enable recycling

Recommended requirements




Furniture and fitments meeting the following requirements will be preferred.

Certifications

- Furniture and fitments certified according to any of the following environmental labels;

Nordic Swan Eco Label	Möbelfakta	EU Eco Label	Blue Angel Eco Label	Global Green tag certification
				

- Wood in furniture and fitments from certified forestry according to any of below environmental labels (this requirement applies to solid wood, laminated wood, and veneer. Willow and bamboo are not included.)
 - 70% by weight of all purchased pine, spruce, birch, and tropical timber must derive from certified forestry operations.
 - 50% by weight of other types of wood must derive from certified forestry operations
 - Acceptable certifications are e.g.

Forest Stewardship Council (FSC)	Program for the Endorsement of Forest Certification (PEFC)	Malaysian Timber Certification Council (Tropical wood)
		

- Textiles in Furniture and fitments labelled with any of the following environmental label;

Nordic Swan Eco Label	EU Eco Label	OEKO Textile Standard 100	Global Organic Textile Standard
			

Circularity, longevity and measurability – principles for consideration

- Furniture and fitments that are second hand.
- Furniture and fitments made from recycled material such as recycled plastic (at least 50%), aluminum (at least 50%) or steel (at least 20%).
- Furniture and fitments that may be dismantled for reparations and recycling of the materials.
- Furniture and fitments made by producers having a system where the used furniture and fitments may be returned and reused/ repaired/ refurbished/ remanufactured or other processes to prolong the lifetime
- Furniture and fitments for which spare parts can be guaranteed by the supplier for at least 5 years after purchase.
- Furniture and fitments that have an Environmental Product Declaration (EPD) performed according to the standard ISO 14025
- Furniture and fitments with a circularity measure^{1,2} (C) > 50

¹ Re:Source, 2018. Mätning av produktcirkularitet som ett sätt att öka resursproduktivitet.

² Saidani M, Yannou B, Leroy Y, Cluzel F, Kendall A, 2019. A taxonomy of circular economy indicators. *Journal of Cleaner Production*, vol 207, p542-559.

Annex I

Furniture and fitments may not contain or exceed the concentrations in the requirements for any of the following substances or materials.






Substance/material	Requirements
Biocides	Not allowed to be used
Phthalates	Not allowed to be used
Primary aromatic amines (PAA)	Not allowed to be used
Alkylphenol ethoxylates Alkylphenols Alkylphenolphosphites	Not allowed to be used
Flame retardants	Only allowed with explicit approvals from Danske Bank depending on national legislation.
Formaldehyde	Free Formaldehyde: up to 0,2 % free formaldehyde is allowed from formaldehyde-based adhesives. Formaldehyde in wood panels: Average emissions of formaldehyde must not exceed 0,124 mg/m ³ .
PVC	Not allowed to be used
CMIT/MIT	Following are not allowed to be used 5 chloro-2-methyl-4-isothiazolin-3-one CAS: 247-500-7 Methyl-4-isothiazolin-3-one CAS 220-239-6
Bisphenols ³ (including but not limited to BPA, BPAF, BPAP, BPB, BPBP, BPC, BPC2, BPE, BPF, BPG, BPM, BPP, BPPH, BPS, BPTMC, BPZ)	Not allowed to be used
Fluorinated compounds including (Poly) - Perfluoroalkyl chemicals and compounds thereof	Not allowed to be used
Tin (Sn) and its compounds	Not allowed to be used
Cadmium (Cd) and its compounds	Not allowed to be used
Chromium VI (Cr (VI)) and its compounds	Not allowed to be used
Mercury (Hg) and its compounds	Not allowed to be used
Lead (Pb) and its compounds	Not allowed to be used.
Arsenic (As) and its compounds	Not allowed to be used
Antimony (Sb) and its compounds	Not allowed to be used
Nickel (Ni) and its compounds	Only permissible in stainless steel or in nickel plated components. Otherwise




³ For more information see e.g. Swedish Chemicals Agency, 2017. [Rapport 5/17: Bisfenoler - en kartläggning och analys](#)

	not allowed to be used.
Polyurethane foam (PUR)	<p>Following requirements apply:</p> <ul style="list-style-type: none"> - Organic tin is not allowed to be used in the PUR foam - Plasticizers must not be intentionally added - Not allowed to add halogenated organic compound as blowing agents.
Fragrances	Not allowed to be used
Aromatic solvents	Not allowed to be used
Volatile organic compounds (VOCs)	<p>In surface treatment applications: May not exceed 60g/m² for office furniture.</p> <p>In adhesives: adhesives used for production of furniture and furniture components must contain < 10 % VOC by weight as well as follow the separate requirement for free formaldehyde</p>
Nanomaterials	Not allowed to use
Chloroparaffins/chloroalkenes	Not allowed to use
Latex foam	Chlorophenols, butadiene, nitrosamines and carbon disulphide are not allowed to be used

Annex II





Chemical substances and mixtures used in the production of furniture and fittings must not be classified in accordance with the following classifications of environmental and human harmfulness according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Classification	Associated hazard symbol	CLP-regulation 1272/2008*
Environmental hazard		<p>H400 - Very toxic to aquatic life, Category 1 acute</p> <p>H410 - Very toxic to aquatic life with long-lasting effects, Category 1 chronic</p> <p>H411 - Toxic to aquatic life with long-lasting effects, Category 2 chronic and/or EUH059 hazardous to the ozone layer</p>
Highly toxic	 	<p>H330 - Fatal to inhale, Category 1 and 2,</p> <p>H310 - Fatal in contact with skin Category 1 and 2</p> <p>H300 - Fatal if swallowed Category 1 and 2 and/or</p> <p>H370 - Causes damage to organs, Category 1</p>
Toxic	 	<p>H330 - Fatal to inhale, Category 2</p> <p>H331 - Toxic if inhaled, Category 3</p> <p>H311 - Toxic in contact with skin, Category 3</p> <p>H301 - Toxic if swallowed, Category 3</p> <p>H370 - Causes damage to organs Category 1 and/or</p> <p>H372 - Causes damage to organs through prolonged or repeated exposure, Category 1</p>

<p>Carcinogenic, Mutagenic, Toxic for reproduction</p>		<p>H350 - May cause cancer, Category 1A/B H350i - May cause cancer by inhalation Category 1B and/or H351 - Suspected of causing cancer, Category 2 H340 May cause genetic defects, Category 1A/B H341- Suspected of causing genetic defects, Category 2 H360F - May damage fertility Category 1A/B and/or H360D - May damage the unborn child, Category 1A/B H361f - Suspected of damaging fertility Category 2 and/or H361d - Suspected of damaging the unborn child, Category 2</p>
<p>Respiratory sensitisation, category 1, 1A, 1B</p>		<p>H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled</p>
<p>Skin sensitisation, category 1, 1A, 1B</p>		<p>H317 - May cause an allergic skin reaction</p>

Annex III

The total quantity of products applied as surface treatment to furniture and fitments classified as environmentally harmful in accordance with the list below must be less than 10 g/m² surface. In cases where UV-varnishes are used the total quantity must be less than 14 g/m² surface.

Classification	Hazard symbol	Hazard statement
Hazardous to the aquatic environment, Category Acute 1		H400 - Very toxic to aquatic life.
Hazardous to the aquatic environment, Category Chronic 1		H410 - Very toxic to aquatic life with long lasting effects
Hazardous to the aquatic environment, Category Chronic 2		H411 - Very toxic to aquatic life with long lasting effects
Hazardous to the aquatic environment, Category Chronic 3	Not used.	H412 - Harmful to aquatic life with long lasting effects
Hazardous to the aquatic environment, Category Chronic 4	Not used.	H413 - May cause long lasting harmful effects to aquatic life
Hazardous to the ozone layer, Category 1		H420 - Harms public health and the environment by destroying ozone in the upper atmosphere EUH 059 - Hazardous to the ozone layer