



GERMAN
DESIGN
AWARD
WINNER
2020



reddot design award
winner 2012

Kite

Design | Annica Doms



Old Pink RAL 3014 Saffron RAL 1017

A modulated recycling unit designed by Annica Doms. Awarded the Red Dot Design Award for its innovative form. Designed for modularity in different configurations. Kite can be placed against the wall or as a free-standing accent in the room.

The many possible combinations challenges the imagination and inspires creativity. Lids with eight different designs with varying shapes and screen printed symbols for different types of waste. Kite is available in 11 RAL colours and Kite Raw with lids in three standard colours, white, anthracite and olive grey. Kite holds 70 L, designed for standard bag of 85–125 L.

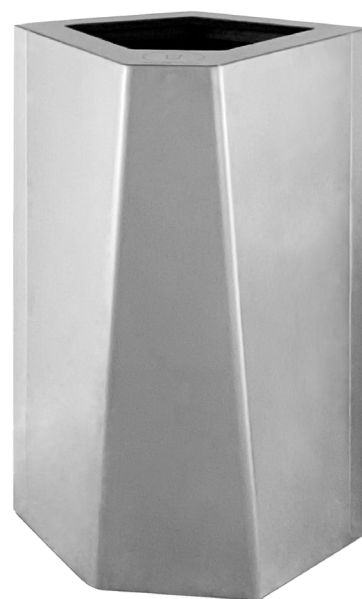
Sustainability & Material

The lid's MDF meets E1 requirements for formaldehyde. MDF from certified forestry. The frame in powder-coated steel plate is manufactured in Sweden and consists of 20% of recycled material.

The steel is 100% recyclable. The powder coating of the frame is a good environmental choice as no solvents are required.



Wine red RAL 3005 Warm grey RAL 7032 Forest green RAL 6020

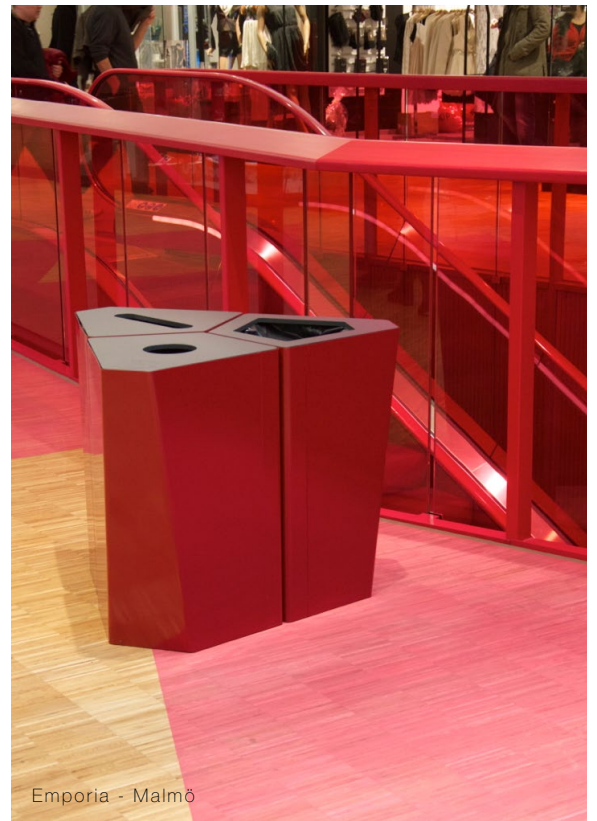


Raw





Mall of Scandinavia - Stockholm



Emporia - Malmö



GIH - Stockholm



Deichman Bjørvika, head library - Oslo

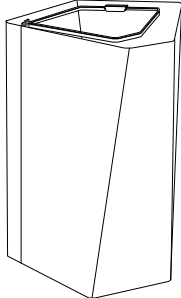
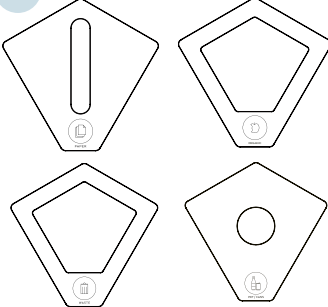
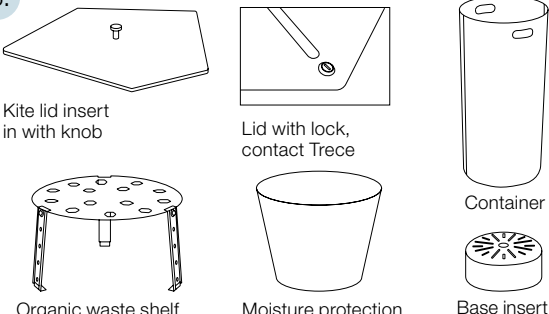


Arlanda Airport - Stockholm

Frame: Powder-coated steel plate.

Lid: Vacuum foiled MDF in white, anthracite or olive and screen printed symbol in grey. The lids are available in eight variants with a matching hole pattern.

How to order Kite:

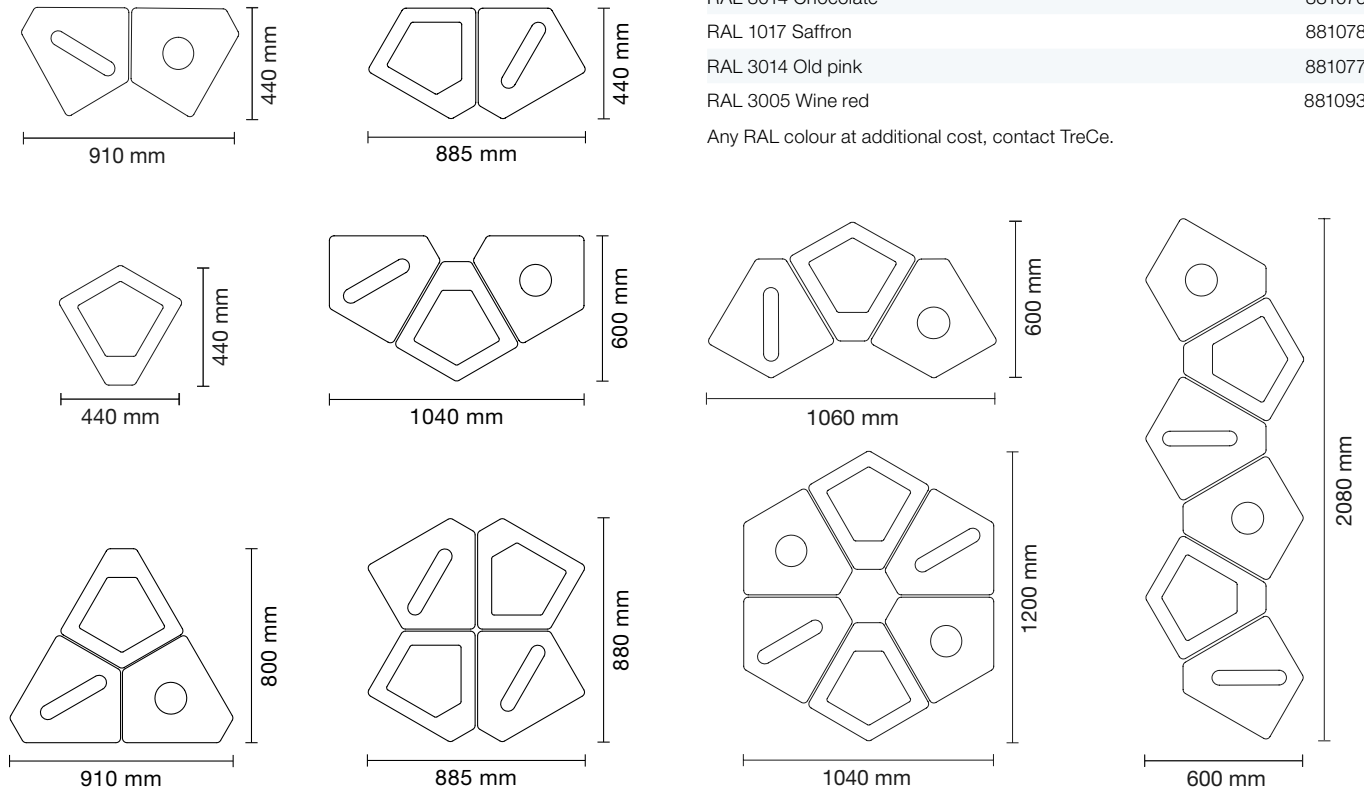
<p>1.</p> 	<p>2.</p> 	<p>3.</p>  <p>Kite lid insert in with knob</p> <p>Lid with lock, contact Trece</p> <p>Organic waste shelf</p> <p>Moisture protection</p> <p>Container</p> <p>Base insert</p>
<p>Choose frame and colour. Kite holds 70 L, designed for standard bag of 85–125 L.</p>	<p>Choose lid and symbol. (Lid colours: Anthracite, white or olive grey)</p>	<p>Choose accessories: Lid inserts, locks, waste shelf, moisture protection, container or base insert.</p>

Kite Frame

Width 500 mm, Height 700 mm, Depth 492 mm

Colour	Art no.	Colour	Art no.
PRICE CATEGORY 1		PRICE CATEGORY 2	
RAL 9010 White	881097	RAL 5023 Brilliant blue	881079
RAL 7032 Warm grey	881074	RAL 1013 Pearl white	881073
RAL 7016 Anthracite	881098	RAL 6013 Olive	881075
RAW, clear powder coated steel sheet, matt gloss 5	881087	RAL 6020 Forest green	881089
		RAL 8014 Chocolate	881076
		RAL 1017 Saffron	881078
		RAL 3014 Old pink	881077
		RAL 3005 Wine red	881093

Any RAL colour at additional cost, contact TreCe.



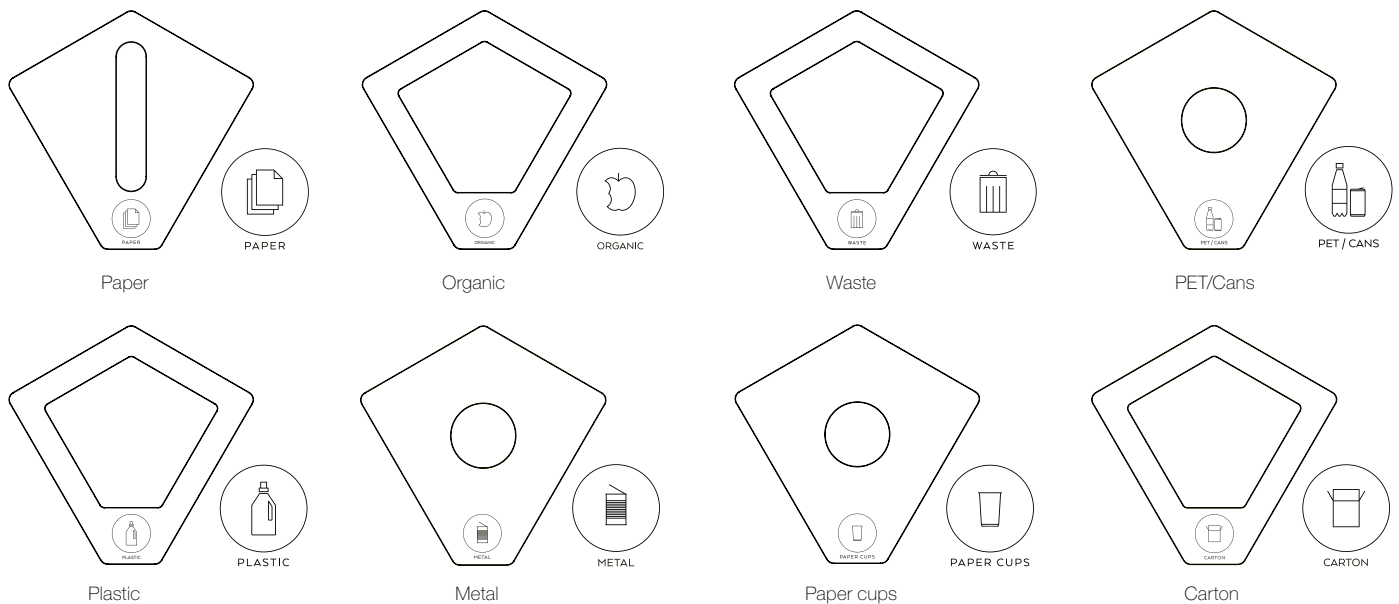
Frame: Powder-coated steel plate.

Lid: Vacuum foiled MDF in white, anthracite or olive and screen printed symbol in grey.
The lids are available in eight variants with a matching hole pattern.

Kite Colours + Raw



Kite lid, white, anthracite or olive grey, vacuum foiled MDF, shape design with screen printed symbol in grey



Please note that there are shade differences between frames in olive and lids in olive grey.

Name	Fraction	Anthracite	White	Olive grey
Kite lid Paper	Office paper	882115	882111	882167
Kite lid Organic	Food waste	882116	882112	882166
Kite lid Waste	Residual waste or combustible	882117	882113	882165
Kite lid PET/Cans	Plastic bottles and aluminum cans	882118	882114	882164
Kite lid Plastic	Plastic packaging	882148	882147	882161
Kite lid Metal	Cans	882150	882149	882160
Kite lid Paper cups	Paper cups	882142	882141	882163
Kite lid Carton	Packaging in cardboard	882145	882144	882162

Lids can also be supplemented with locks.
Contact TreCe if you want other symbols or text in other languages.

Frame: Powder-coated steel plate.

Lid: Vacuum foiled MDF in white, anthracite or olive and screen printed symbol in grey. The lids are available in eight variants with a matching hole pattern.

Accessories

Benämning	White F2255 /White knob	Anthracite F2297 /Black knob	Olive grey F5343 /Black knob
Kite lids insert with knob	881186	881187	881188

Kite lid insert in compact laminate, resists moisture and heat, which prevents bad odors. Available in white, anthracite or olive grey. Fits Kite lid: Plastic, Waste and Organic



Kite lid insert in compact laminate F1040, white knob.



Please note that there are shade differences between lids in olive grey and lid insert with knob.

Product	Description	Size (mm)	Colour	Art no.
Kite plastic bags		85 L, 25 pcs	Transparent	881159
Kite moisture protection	For wet fractions like waste, organics and PET/cans.	Ø450 x H350	Transparent	881180
Avfallshylla rund	Adjustable height, standing H 150-270 mm	Ø265 x H150	Antracit	350002
Container	Approx. 45 L. Handle W80 x H30 mm Recycled ABS plastic 2 mm.	Ø320 x H650	Grey	881061
Base insert	Insert with perforated grid Recycled ABS plastic 2 mm.	Ø240 x H100	Grey	881062



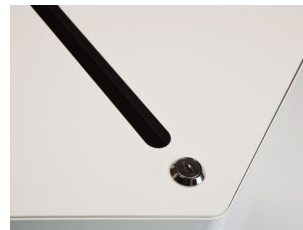
Stackable container with handle.



Organic waste shelf with adjustable height, standing H 150-270 mm.



Kite moisture protection base for easy cleaning. Recommended for wet fractions like waste, organics and PET/cans.

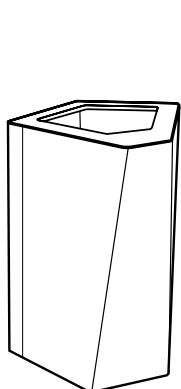


Kite available with lock, contact TreCe.

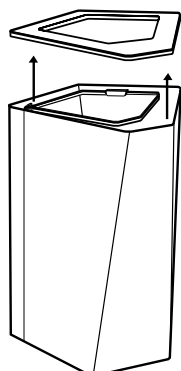
Base insert is used as bottom insert in the container. The perforated grid is anchored to ventilate moisture.

Add the base insert when using food waste bags as they often have a lower depth.

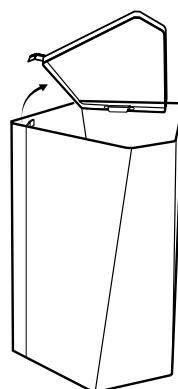
Kite How to use



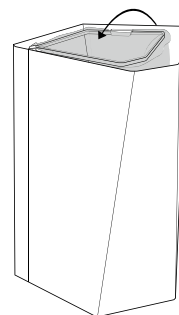
1. Kite frame with lid.



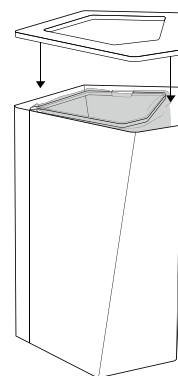
2. Lift the lid. (Lid with lock needs to be unlocked before lifting.)



3. Lift the bag holder.



4. Place the trash bag and turn back the bag holder.



5. Put the lid back on (and lock if there is a lock) and the Kite is ready for use.

QUICK INFO.

Content	Certification TreCe	Certification TreCe
Environmental, social aspects & quality	ISO 9001:2015	ISO 14001:2015
Country of manufacture	Recycled material	CO ₂ emissions/unit
Sverige	Yes, 20% of steel frame	58,2 kg CO ₂ eq



SVHC/ECHA's candidate list

No chemicals included in ECHA's candidate list of SVHC may be contained in levels of >0.1% by weight in the components, parts or chemicals that are included or used in the manufacturing of the furniture/product. See <http://echa.europa.eu/en/candidate-list-table>

Metal – frame

The frame consist of cold-rolled steel plate and are manufactured in Sweden. In the production of steel blanks, 20% recycled material is used together with iron raw material ore (80%). The steel plate meets the requirements in table 1.

Table 1: Requirements metal

Requirements	Complies
Metal that will have prolonged contact with skin (e.g. armrests) must not consist of alloys containing nickel, chromium III or chromium VI.	X

Powder coating

Kite is painted with powder coating which provides both environmental and quality benefits as no solvents need to be added and the amount of waste is very small. In addition, the powder coating gives a durable and stylish finish. Fulfilled requirements are shown in tables 2 and 3. Safety data sheets according to REACH CLP-regulation no1272/2008 are sent on request.

Table 2: Requirements surface treatment

Requirements	Complies
The content of aromatic solvents / hydrocarbons in surface treatment products / preparations may not exceed 1.0% by weight.	X
Surface treatment with preparations containing VOC may have a maximum applied VOC component of 60 g / m ² for office / public / outdoor environment.	X

Table 3: Hazard class and hazard statement according to Regulation 790/2009

Hazard category	Hazard statement according to regulation 790/2009	Complies
Acute toxicity	H300, H301, H310, H311, H330, H331	X
Toxic to body organs	H370, H371, H372, H373	X
Carcinogenic	H350, H351	X
Mutagenic	H340, H341	X
Toxic for reproduction	H360, H361	X
Allergenic	H334	X
Dangerous to the environment	H400, H410, H411, H412, H413 If the use of surface treatment products is required for technical reasons, products labelled as dangerous to the environment (H400, H410, H411, H412, H413) may be acceptable if the content of environmentally hazardous substance <14 g/per m ² of surface.	X

Wood – lid

The lid is made of MDF. Routines must be in place to ensure that wood based materials are traceable and come from legal and acceptable sources, see table 4.

Table 4: Requirements wood

Requirements	Complies
MDF meets the requirements for CARB Phase 2 and TSCA Title V	X
Has legal ownership and access rights	X
Follows nationally and locally applicable laws and regulations regarding use, environment, labor and welfare, health and safety, and other parties' rights.	X
Pays the relevant taxes and charges related to use.	X
Follows CITES regulations (only applicable to certain tree species, see the CITES website).	X
The wood complies with the requirements for formaldehyde emission requirements according to E1.	X

Social responsibility

We have ensured that this product is manufactured under good conditions, ie. with regard to social and ethical issues such as working conditions, human rights, labour, environment and corruption. We have sent these requirements to our suppliers and subcontractors, who have each certified that they are followed. A summary is shown in table 5 and applies to the entire manufacture process of a product and it's components. The starting point is the UN guidelines on the "Code of Conduct" and Möbelfakta's requirements for Social Responsibility are formulated on the basis of the UN's Global Compact. As well as conditions for social and ethical considerations regarding tax irregularities and illegal labour. The principles are based on below;

- UN Universal Declaration of Human Rights
- Rio Declaration on Environment and Development
- International Labour Organization (ILO) eight core conventions on human and labour rights
- UN Convention against Corruption
- Work environment requirements based on ILO conventions on health and safety

Table 5: Summary requirements for social responsibility

Requirements		Complies
Legislation	The furniture and its components must be manufactured in accordance with national legislation.	X
Human Rights	Producers, manufacturers and suppliers operations must comply with human rights.	X
Working conditions	Wages, child labour, conditions of employment, working hours, benefits, penalties, freedom of association, forced labour and discrimination.	X
Working environment	The company must constantly strive to improve the working environment and workplace safety for its employees.	X
Environment	Identify environmental impact, work actively with environmental issues and involve staff. Procedures for law compliance must be in place and followed up.	X
Anti-corruption	No form of extortion, corruption, bribery or favoritism to or from employees or organizations is tolerated.	X
Tax irregularities /fraud	In addition to the statutory obligations applicable to the employees concerned, shall also anti-labour and tax fraud are applied, such as illegal workers.	X
Undeclared/illegal labour	No undeclared/illegal labour shall be hired to preform product manufacturing.	X

Quality and circular solutions

This product has been designed for user environments such as public environments and offices, as well as a long service life. Extending the life of a product is a benefit to the climate and the user. TreCe and the product Kite participated in a research and innovation project on circularity with Linköping University, Chalmers University and Vinnova. A Life Cycle Analysis (LCA) and Life Cost Analysis (LCC) were performed which showed that a circular solution reduced the environmental impact by 38% (GWP in kg CO₂-eq). The example of renewing the lid on Kite instead of the whole product doubled the life span and lowered CO₂ eq by 50% ⁽¹⁾.

What is a circular solution?

A linear economy also called wear and tear has a major impact on our climate, materials are taken in, a product is manufactured, used and disposed of. We need to re-think as this is not sustainable from a resource and climate point of view. One solution is a circular economy that takes advantage of all the steps and resources, including that materials and products should have as long a lifetime as possible and that nothing should end up as just trash. To extend the life of a product, circular solutions are used such as the opportunity to repaint, repair or renovate instead of buying a brand new product. Welcome to contact TreCe for more information on circular solutions.

Table 6: Quality and general information

Aspect	
Design	Design by Annica Doms, Industrial Designer
Product guarantee	2 years*
Product information/maintenance	Yes, sent with product
Recyclable	Yes, all parts can be recycled
Circular solutions (Repaint, repair, refurbish)	Yes, contact us for more information

***Warranty:** The warranty is valid from the delivery date of the product. Invoice/order number must be provided for the warranty to be valid. The warranty does not apply to products that have been stored or assembled incorrectly, used in an inappropriate or improper manner, altered in appearance/function or cleaned with an incorrect cleaning method or cleaning products. The warranty does not cover shipping damage, normal wear and tear, scratches, marks or damage caused by impact or accident. The warranty does not cover products that have been placed outdoors or in a damp environment, or products that have been used for purposes other than those for which they are intended.

For products intended for outdoor use, the above-mentioned humid environment does not apply, but the warranty period is halved for products installed within 200 metres of a coastal environment. The warranty does not apply to outdoor products that develop surface corrosion over time as this is purely aesthetic and can be corrected with touch-up paint.

General care instructions

Metal

Wipe with a slightly damp, soft lint-free cloth and mild detergent. Always wipe dry with a dry cloth. Never use solvents on painted metal nor any abrasive cleaners/ materials.

Wood

Wood is a living material and is affected for example by seasons, heat and humidity. Direct sunlight will give surfaces permanent colour and light differences. To avoid colour shifts, all surfaces should be exposed to equal amounts of light.

Normal/daily cleaning:

- Dust dry and clean with mild soap solution or mild hand washing-up liquid.
- Wipe dry with a dry cloth.
- Never use strong detergents, solvents or products containing abrasives.
- Remove all stains as soon as possible and wipe the surface dry after cleaning.

Note! Use a minimum amount of water.