



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 challenge the imagination and inspires creativity. Lids with different designs with varying shapes and screen printed symbols for different types of waste.

Kite is available in 11 RAL colors and Kite Raw. Lids in two standard colors. Kite holds 70 liters, designed for standard bag of 85–125 liters.

#### **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.

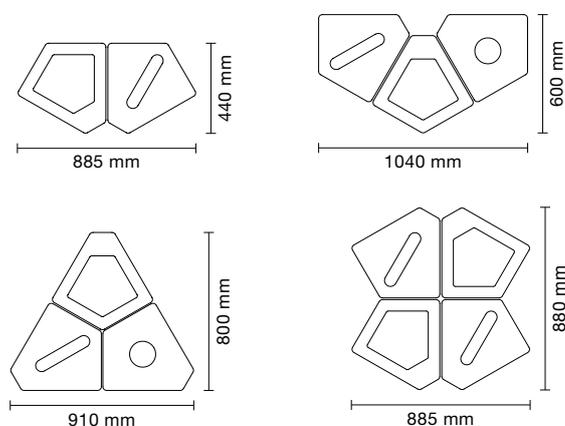
**Frame:** Powder-coated steel plate.  
**Lid:** Vacuum-foiled MDF with screen print.

## Kite Frame

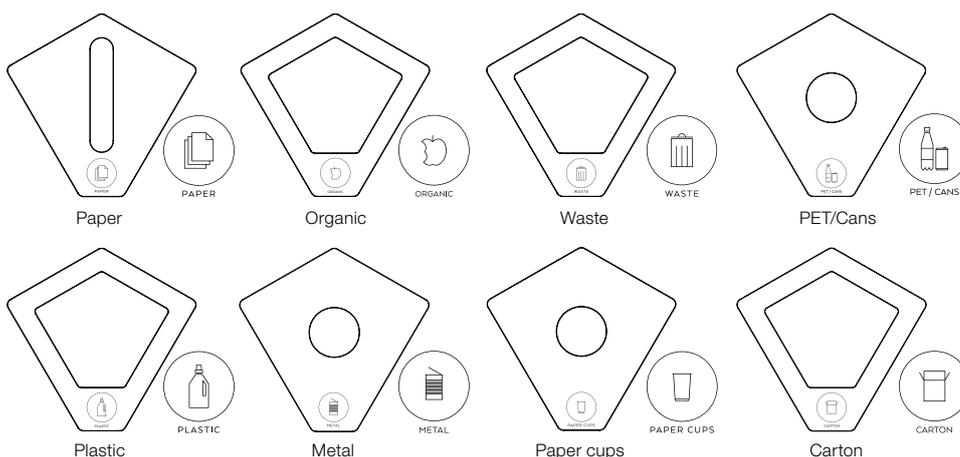
**Width 500 mm, Height 700 mm, Depth 492 mm**

Color	Art nr
RAL 9010 Pure white	881097
RAL 7035 Light gray	881096
RAL 7016 Anthracite	881098
RAL 5014 Pigeon blue	881090
RAL 5008 Gray blue	881091
RAL 6033 Mint turquoise	881094
RAL 6021 Pale green	881088
RAL 6020 Chrome green	881089
RAL 1021 Yellow	881095
RAL 3022 Salmon pink	881092
RAL 3005 Wine red	881093
RAW, clear powder-coated steel sheet, (matte) gloss 5	881087

Any RAL color at additional cost, contact TreCe.



## Kite lid, white or anthracite, vacuum-foiled MDF, shape design with screen-printed gray symbol



Name	Anthracite	White
Kite lid Paper	882115	882111
Kite lid Organic	882116	882112
Kite lid Waste	882117	882113
Kite lid PET/Cans	882118	882114
Kite lid Plastic	882148	882147
Kite lid Metal	882150	882149
Kite lid Paper cups	882142	882141
Kite lid Carton	882145	882144

## Accessories

Name				
Kite plastic bags	85 liter, 25 pcs.	Transparent	881159	
Kite moisture protection	Height 350 mm	Transparent	881180	

Name	Fits Kite-lid	Anthracite	White
Kite lid insert with knob	Organic, Waste, Plastic, Carton	881182	881181



Kite lid insert in lacquered MDF, NCS S 0500-N, with white knob.



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

## Kite Colors



# Sustainability

## Kite

### Quick info.

Content	Certification TreCe	Certification TreCe
Environment, quality & social aspects	ISO 9001:2015	ISO 14001:2015
Country of manufacture	Recycled materials	CO2 emissions/unit
Sweden	Yes, 20% of metal frame	58,2 kg CO2 eq



### Metal - frame

The frame consist of cold rolled steel sheet that is made in Sweden. 20% consists of recycled material and the remaining (80%) is from iron raw material. The steel sheet meets the requirements in Table 1.

Table 1: Requirements metal.

Requirements	Complies
Surface treatment must not contain lead or cadmium	X
Aromatic hydrocarbons are not actively added and should not be included in preparations / formulations according to REACH Appendix XVII and KIFS 2005:7.	X
Furniture/products should not be surface treated with products/formulations that are labeled as dangerous according to KIFS 2005:7, CLP 1272/2008 or Regulation 790/2009.	X
The product must not have active addition of or have passivation of metal surfaces with chromium VI. The exception are small fitting corresponding to <5% by weight, for example hinges or fittings.	X

### Powder coating - lacquer

The powder coating solutions have no properties that are carcinogenic, mutagenic and toxic for reproduction, and do not contain any substances on the candidate list. Thus the lacquers for fill, with a good margin, the requirements of the REACH regulation. The powder coating solution provides both environmental and quality advantages, as no solvents have to be added, the overflow amount is very small, and also give a durable and stylish finish. The requirements are set out in Table 2 & 3.

Table 2: Requirements coating

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 / m2 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 m2 of surface.	X

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## Wood - lid

The lid is made of vacuum-foiled MDF. No wood-based materials are used that origin from forest environments with high biological or social values. TreCe has ensured traceability of wood-based materials, and that the materials origins from documented and legal forestries, see Table 4.

Table 4: Requirements wood

Requirements	Complies
The wood in the product is traceable and come from legal forestries.	X
The wood complies to CARB Phase 2 and TSCA Title VI.	X
The wood complies with the requirements for formaldehyde emission requirements according to E1.	X

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## 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, labor, environment and corruption. We have sent these requirements to our suppliers and subcontractors, who have each certified that they are followed. The requirements are based on the UN Code of Conduct and the UN Global Compact, a summary is shown in Table 5 and apply to the entire manufacture process of a product and it's components.

Table 5: 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 labor, conditions of employment, working hours, benefits, penalties, freedom of association, forced labor 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

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## 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 CO<sub>2</sub>-eq). The example of renewing the lid on Kite instead of the whole product doubled the life span and lowered CO<sub>2</sub> 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