

# nola®



## Kajen Furniture Group Kajen

Design Thomas Bernstrand

The designs in the Kajen family are a popular choice for maritime and waterfront settings, yet they enhance urban environments and public parks too. The chairs and benches are characterised by crisp profiles that appear to be upright and alert. At the same time, they invite passers-by to sit down and relax. Kajen products can be ground-mounted, with many able to attach to upright surfaces and cantilever vertically over the ground. Kajen is uniquely customisable, offering a wide range of sizes and outdoor solutions to choose from.

### CERTIFICATION

Produkt listad i  
Svanens Husportal



 **SundaHus**

## Dimensions and weight

### Kajen park bench

Length: 120/180/300 cm

Width: 55 cm

Height: 90 cm

Sitting height: 47 cm

Depth: 83 cm

#### Individual dimensions

Armrests: 8 mm x 40 mm

Legs: 12 mm x 60 mm

Wood components: Seat and backrest: 56 x 26 mm

### Kajen Bench

Length: 120/180/300 cm

Height: 46 cm

Sitting height: 46 cm

Depth: 49,6 cm

#### Individual dimensions

Seat: Wood components: 56 mm x 26 mm

Armrests: 8 mm x 40 mm

Legs in bent flat steel: 12 mm x 60 mm

### Kajen table

Length: 120/180/300 cm

Width: 72,4 cm

Height: 72 cm

#### Individual dimensions

Connector plates: 8 mm x 58 mm

Legs: 12 mm x 60 mm

Wood components: 56 mm x 26 mm

## Product numbers and combinations

**B11-06** Startup cost for powder coating steel in a color other than standard. Choose a RAL colour.

**B11-07** Starting cost for another color of wood. Choose brown or grey for Linax or an NCS color for painted wood. If you want the same color on both steel and wood, choose the RAL color for both.

U16-90/120 Kajen backed bench, park model, 120 cm version

U16-90/180 Kajen backed bench, park model, 180 cm version

U16-90/300 Kajen backed bench, park model, 300 cm version

U16-90-3 One armrest for Kajen backed bench, park model

U16-90MUR/120 Kajen backed bench 1200 mm, wall-mounted

U16-90MUR/180 Kajen backed bench 1800 mm, wall-mounted

U16-90MUR/300 Kajen backed bench 3000 mm, wall-mounted

U16-90-19 Skida till Kajen parksoffa för fristående.

U16-92/120 Kajen bench, 120 cm version

U16-92/180 Kajen bench, 180 cm version

U16-92/300 Kajen bench, 300 cm version

U16-92MUR/120 Kajen bench 120 cm, wall-mounted

<u>U16-92MUR/180</u>	<u>Kajen bench 180 cm, wall-mounted</u>
<u>U16-92MUR/300</u>	<u>Kajen bench 300 cm, wall-mounted</u>
<u>U16-92/MEDE</u>	<u>Skida till Kajen bänk för fristående.</u>
<u>U16-94/120</u>	<u>Kajen table, 120 cm version</u>
<u>U16-94/180</u>	<u>Kajen table, 180 cm version</u>
<u>U16-94/300</u>	<u>Kajen table, 300 cm version</u>

#### Append to product number

#### WOOD AND FINISH

E for oiled oak.

SIOO for sioo:x treatment oak.

MH for oiled mahogany.

LIN for linax impregnated pine.

NCS S 0502-Y for topcoated white pine.

NCS S5502-B for topcoated light gray pine.

C for any color topcoated pine, at additional cost.

#### METAL SURFACE FINISH

Noir 2200 Sablé for black.

C for any color other than standard, at additional cost.

VFZ for hot-dip galvanized steel.

#### VARIANTS

Nordic Swan Ecolabel applies exclusively for hot-dip galvanized steel and Linax treated pine. Not available for wall-mounted Mini-Bench, Rocking Chair and Standing Bench.

#### INSTALLATION TYPE

N for surface mount.

#### Standard colours

	NCS S 0502-Y (Vit)
	NCS S 5502-B
	Noir 2200 Sablé
	Hot-dip galvanized steel
	Oiled oak
	Oiled mahogany
	Linax impregnated pine
	SiOO:X treatment oak

#### Materials and surface treatments

Allt stål är som standard elförzinkat, gulkromade och pulverlackerade i Noir 2200 Sablé. Finns att få i varmförzinkat stål. Svanenmärkning gäller enbart varmförzinkat stål och Linaximpregnerad furu.

Träribborna i sits och ryggstöd finns att få i Linaximpregnerad furu, oljad FSC-certifierad mahogny, oljad ek, Sioo-behandlad ek eller målad furu. Standardfärg på målad furu är vit NCS 0502-Y eller ljusgrå NCS S 5502-B.

### **Pine**

Nola's pine is of high quality and comes from sustainable forestry. Pine is an environmentally friendly, domestically produced material. Damaged or untreated pine is quite easily attacked by decomposition processes; therefore, it is particularly important to repair damaged surfaces.

### **Mahogany - FSC-certified**

FSC-marked mahogany is a wood with good durability in the outdoor environment. In addition, it retains its color tone better than, for example, oak and teak. Mahogany lives and moves, sometimes more than teak.

### **Oak**

Oak is a heavy, hard and medium tough wood. Moderately dimensionally stable in case of moisture changes. Oak wood blackens if it is exposed to moisture or wetness for a long time. However, it does not affect the other properties of the wood. Thanks to its hardness and toughness, the oak wood is suitable for furniture and other use in exposed environments.

### **Topcoat**

Painted wood is made with D-Dur Pigmented Polyurethane two-component topcoat. The topcoat has good resistance and outdoor durability. Gloss number: 60.

### **Wood oil**

Wood oil provides good protection against the stresses of the outdoor climate and at the same time highlights the wood's natural appearance and properties.

### **Linax**

Linax is a linseed oil-based impregnation that provides extra long durability in outdoor environments and corresponds to impregnation class AB. The impregnated wood turns gray over time, which means that it should be re-oiled if necessary. Use a linseed-based oil for impregnated materials.

After traditional impregnation according to NTR AB, the wood is boiled in a hot linseed oil with or without color pigments under vacuum. The oil is penetrated into the surface on all six sides, which reduces moisture absorption in the wood and gives a dimensionally stable product over time. The result is a dried product with good resistance to rot that also has long maintenance intervals. Linax-impregnated furniture is intended for outdoor environments only.

### **SiOO:X treatment**

Sioo:x is a wood protection with environmentally friendly silicon technology. Water-based and biocide-free. We use Sioo mainly for our oak furniture. Sioo:x treatment of is suitable for all woods, outside as well as inside, and gives a light surface without pigments. The surface is UV-resistant, water-repellent and non-stick. Active and preventive action against algae, mould and pests. Also rot-proof, wood-strengthening and fire-retardant. This wood protection provides long durability and easy maintenance.

### **Steel**

Nola uses high-quality steel with good strength in our products. Steel rusts if left untreated and must therefore be surface treated.

#### **Hot-dip galvanized or electrogalvanized and powder coating**

Available in either only hot-dip galvanized steel or electro-galvanized and powder-coated steel.

Hot-dip galvanizing provides very strong protection against corrosion. The steel is dipped into a bath of hot liquid zinc. The zinc attaches and creates a surface coating on the steel part, which is then taken out of the bath and drained of excess zinc.

Electrogalvanizing provides corrosion protection through the sacrifice of zinc ions. It is created via a zinc coating on the steel using an electric current. Powder coating is a coating that is applied as a free-flowing, dry powder. Unlike conventional liquid paint, powder coating is usually applied electrostatically and then cured under heat or with ultraviolet light. The result is an even, hard-wearing coloured surface with the desired gloss level.

#### **Assembly and placement**

##### **Surface mount**

Can be bolted above ground, to the floor or to a cast-in-place foundation. Bolts not included.

Sitskorgar och bordsskivor levereras i större delar som slutmonteras mot benstativ på plats med bifogade skruv.

Bult mot mark ingår ej.

#### **Maintenance**

Finstruktur SK 1. Pulverlack går att beställa på sprayflaska.

##### **Powdercoated steel**

Products that are powder-coated can be touch-up painted with alkyd paint.

##### **Hot dip galvanized steel**

Hot-dip galvanized can be touch-up painted with so-called "cold galvanizing".

##### **Oiled oak**

Oiled oak should be oiled twice a year for best protection. Good maintenance can never completely prevent stains from occurring, but oak that is not maintained will turn blacker and turn gray faster, but it still has a very long life. When re-oiling products, a finely boiled oil that penetrates the wood should be chosen over a film-forming oil. Black stains on oiled oak can be removed with oxalic acid.

##### **Oiled mahogany**

Oiled mahogany should be oiled two times a year.

### Linax impregnated pine

Outdoor furniture requires oiling every 5 years and panel products and roofs require oiling every 12 years. Maintenance should be done with linseed oil varnish. It is important that the wood is clean and dry (max. 20% moisture content) before it is finished with oil. When washing, do not use high-pressure cleaners. Washing should be done with lukewarm water and then rinsed off with a water hose at normal pressure. Strong grease-dissolving agents should not be used, but washing should be done with a mild household detergent. Detergents containing bleach should also not be used.

The oil can be applied with a roller or brush. Too much oil can cause growth on the wood and give a sticky surface. Attacks by growth can also occur if the wood has not been sufficiently dry or cleaned before the oil is applied. Growth does not damage the wood and is relatively easy to remove, but has a tendency to return.

### SiOO:X treatment oak

Sioo:x-treated products are treated twice upon delivery; once with a wood protection (Premium Träskydd Altan) and once with a surface protection (Premium Ytskydd Altan). After 12 - 18 months, for best durability, the surface should be treated once more with Sioo:x Premium Ytskydd Altan. It is important to keep the product clean, otherwise the surface protection can be destroyed. Products that are exposed to heavy mechanical wear may need extra treatments. The surface treatment has a tested effect according to the standards EN 46 and EN 113.

For information about the Sioo treatment see the website [www.sioox.se](http://www.sioox.se).

### Topcoat

Products treated with D-Dur Pigmented polyurethane two-component topcoat should be maintained regularly. Maintenance intervals approx. 1 time per year. Damage and cracks should be repaired immediately. Touch-up paint with, for example, Nordsjö One door and window water-based topcoat.

[Read more in our general maintenance advice at nola.se/en/care-and-maintenance](http://nola.se/en/care-and-maintenance)

## Versions

I Kajen Möbelgrupp ingår parksoffa, bänk och bord. Finns i tre standardlängder: 120cm, 180cm och 300cm.

## Character

Minimalistiskt möbelgrupp med många valmöjligheter.

## Sustainability

CO<sub>2</sub>-eq: 30,94 kg CO<sub>2</sub>  
Energy consumption: 1070,31 MJ  
Recycled materials: 8,52 %

### Kajen park bench

CO<sub>2</sub>-eq: 30,94 kg CO<sub>2</sub>  
Energy consumption: 1070,31 MJ  
Recycled materials: 8,52 %

### Kajen Bench

CO<sub>2</sub>-eq: 30,94 kg CO<sub>2</sub>  
Energy consumption: 1070,31 MJ  
Recycled materials: 8,52 %

**Kajen table**

CO<sub>2</sub>-eq: 30,94 kg CO<sub>2</sub>  
Energy consumption: 1070,31 MJ  
Recycled materials: 8,52 %

**[View EPD for details](#)**

**Designers**

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**Thomas Bernstrand**

Designer Thomas Bernstrand, who owns his own design studio in Stockholm, has participated in a large number of design and art exhibitions around the world such as MoMA in New York, Colette in Paris, Biennale Design Saint-Etienne and others.

Bernstrand has received several awards for his work, including Excellent Swedish Form and Winner of the Good Design Award 2012 for NolaShare. For Nola, Bernstrand has designed a large number of products and furniture series and participated in a number of special projects over the years.

