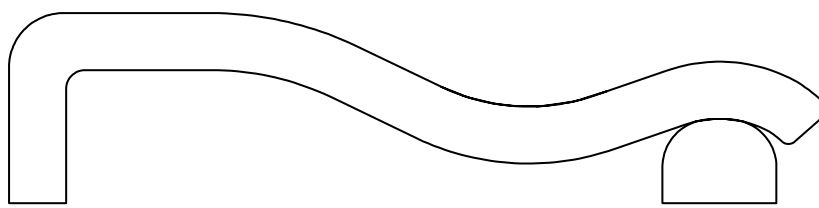


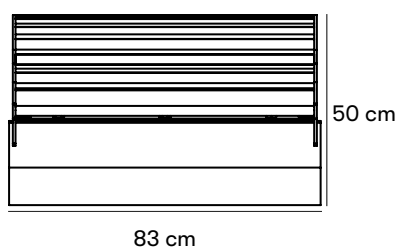
## Svall Bench

**Design Matilda Lindstam Nilsson**

Svall is a generous seating piece with flowing contours and varying seat heights that invite both young and old to play and socialize, as well as rest and pause. Its design is inspired by the playful and colorful pastry treats found in bakeries, featuring swirls, circles, and decorative elements. Svall is comprised of a powder-coated steel frame with wooden slats that provide a soft and embracing sensation. The bench was designed from a child's perspective by Matilda Lindstam during her final year at Carl Malmsten Furniture Studies.



215 cm



83 cm

#### Dimensions and weight

Length: 215 cm

Width: 80 cm

Height: 50 cm

#### Product numbers and combinations

U30-50 Svall, Bench

**Append to product number**

**WOOD AND FINISH**

LIN for linax impregnated pine.

SIOO for sioo:x treatment oak.

E for oiled oak.

**METAL SURFACE FINISH**

C for any color other than standard, starting cost is added.

**INSTALLATION TYPE**

N for surface mount.

#### Standard colours



RAL 6025



RAL 3012



Oiled oak



Linax impregnated pine



SiOO:X treatment oak

#### Materials and surface treatments

Frame in electro-galvanized and powder-coated steel in RAL6025, gloss 70. Slats in pine or oak.

### **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.

### **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.

### **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.

### **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.

### **Steel**

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

### **Electrogalvanized**

Electrogalvanizing (also known as zinc plating) 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**

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.

### **Freestanding**

Freestanding product that is placed directly on the ground.

### **Surface mount**

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

## **Maintenance**

### **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.

### **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).

### **Powdercoated steel**

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

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

## Designers

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### Matilda Lindstam Nilsson

Matilda Lindstam Nilsson is a furniture designer educated at Carl Malmsten Furniture Studies at Linköping University with a penchant for vibrant colors and playful forms. While wood is her go-to material, her portfolio includes products made from various materials and techniques. Her first furniture piece for Nola was the Svall bench.

