**Solar shading system DucoSlide LuxFrame 40/80 Lux 80 Wood**

Manufactured by: Duco ‘Ventilation & Sun Control’

Permanently installed external solar shading system with sliding panels.

The louvre blades are incorporated in a robust frame section.

## Features:

* Louvre blades:

**Type**: Blade Lux 80 Wood

**Shape**: Parallellogram-shaped

**Material**: Wood

 - Wood type: Western Red Cedar

 - Sawing: 75-100% quarter-sawn

 - Durability class: I-II

 - Quality: Highest standard No. 2 clears and better (defect-free)

 - Density: 370 kg/m³

 - Origin: USA & Canada

 - Environmental policy: FSC & PEFC

**Blade height**: 65 mm

**Blade pitch**: 100 mm

**Inclination:** 37°

* Frame profiles:

**Frame profile 40/80:** 40 x 80 mm

## Surface treatment:

* Anodising: Qualanod-compliant, coating thickness 15-20 µm, standard natural colour (clear anodising)
* Powder coating: Qualicoat-compliant, minimum average coating thickness 60 µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses, anodising colours and paint gloss levels, as well as “seaside” paints, textured paints and specific powder coating product codes.

## Sliding system:

### Single sliding system:

Independently operated individual panels.

### Symmetrical sliding system:

Two linked panels that slide apart or together symmetrically.

### Telescopic sliding system:

Two or three panels linked together in succession that extend telescopically.

## Operation:

* Manual
* Electric:

Motor

**Supply voltage:** 230 VAC, 50 Hz

 Lmax: 2,3 Aac

 Pmax: 40 W

**Max. weight:** 160 kg

**Max. speed:** 100 mm/s

**IP rating:** IP 55

**Operational T°:** -20 °C to +50 °C

**Max. motor load:** 1,5 Nm

**Pinch protection:** Yes

**Maintenance:** Maintenance-free (brushless)

**Warranty:** 1 year

**Certification test cycles:** 100000

## Rails

### Top rail:

- Single manually operated: 31/33/2 top rail

- Other configurations: 35/40/2 top rail

### Bottom rail:

- 25/25/4 bottom rail

- Rail built-in Simple: 80/43

 Double: 140/43

 Triple: 190/43

## Complies with or tested in accordance with the following standards:

* Qualicoat (if painted finish)
* Qualanod (if anodised finish)
* EN 573 - EN AW-6063 T66 and EN AW-6060 T66: aluminium alloy & hardening
* EN 1990, EN 1991, EN 1999: strength calculations
* Wood quality standard per EN 13659
* Motor: EN 60335-1 (Safety of Household electrical appliances – part 1)

EN 60335-2 (Safety of Household electrical appliances – part 2)

EN 12445 (Safety in use of power-operated doors)

EN 16005

EN 13241

CE - declaration of conformity