

LIGO

DECKING CONNECTOR



The **LIGO C**, **LIGO S** and **LIGO N** decking connectors ensure quick and easy installation of side-grooved, dimensionally stable wood or composite decking.

The decking board is clamped to the substructure with one screw through the side groove using the decking connector.

The oval-shaped joint spacers ensure an even joint spacing and can compensate swelling movements up to 2 mm per board.

The joint spacers also serve as a quick-fit guide for the mounting plate, which can be adjusted automatically to the position of the groove.

LIGO N and LIGO S are equipped with a stainless steel groove plate. LIGO C has a plastic groove plate with a reinforced screw zone for optimum force distribution into the groove of the boards.

Recommended substructure:

Preferably softwood such as larch, Douglas fir, thermo pine, thermo spruce or wood of similar density as well as RELO N aluminium substructure joists.

| LIGO N with UNIA2 | | |
|-------------------|---------|-----------|
| Description | PU | Prod. No. |
| 4,8x34 mm | 80 PCS | 013905003 |
| 4,8x34 mm | 400 PCS | 013912003 |
| 4,8x47 mm | 80 PCS | 013905000 |
| 4,8x47 mm | 400 PCS | 013912000 |

| LIGO S with UNIA2 | | |
|-------------------|---------|-----------|
| Description | PU | Prod. No. |
| 4,8x34 mm | 80 PCS | 014005002 |
| 4,8x34 mm | 400 PCS | 014012001 |
| 4,8x47 mm | 80 PCS | 014005000 |
| 4,8x47 mm | 400 PCS | 014012000 |

| LIGO C with UNIA2 | | |
|-------------------|--------|-----------|
| Description | PU | Prod. No. |
| 4,8x34 mm | 80 PCS | 012905000 |
| 4,8x47 mm | 80 PCS | 012905001 |
| LIGO C with UNIA4 | | |
| Description | PU | Prod. No. |

LIGO C with System screw
UNIA4 stainless steel A4
for terraces near coastal
regions and around pools



SET-PACK

Each packaging contains
the screws required for instal-
lation, UNIA system screws
and assembly instructions



BRANDING
Custom branding
upon request



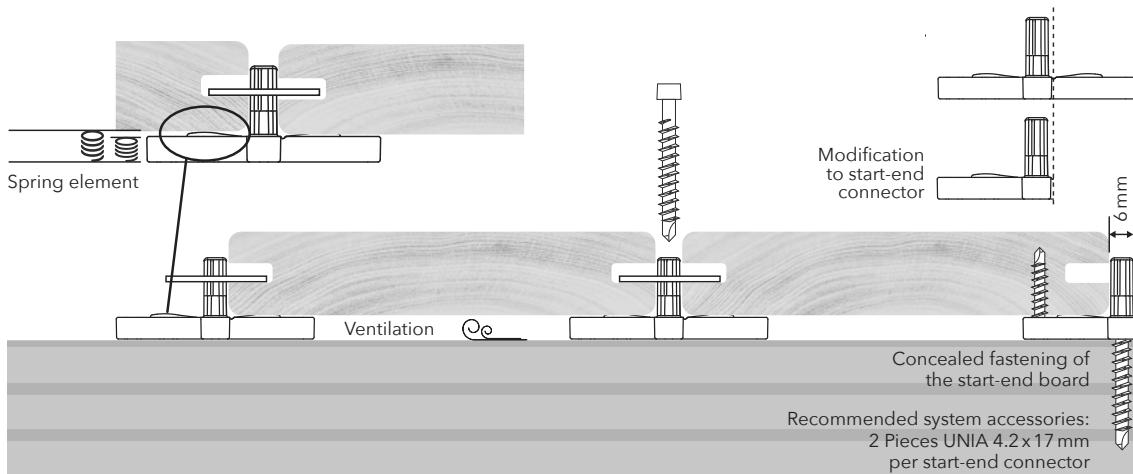
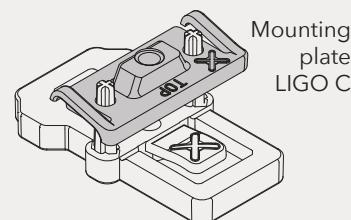
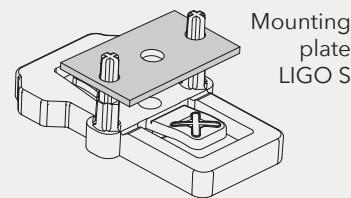
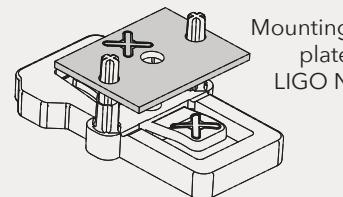
Screw positioning guide automatically
adjusts to board thickness

Distance spacer ensures optimum
ventilation between the decking
and substructure

Sprung inserts prevent
boards from sliding
sideways

Oval-shaped joint spacers
compensate swelling of the
decking boards

Marked recess for easy
modification of start
and end clip



DOWNLOADS



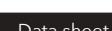
Installation



Board exchange



Video



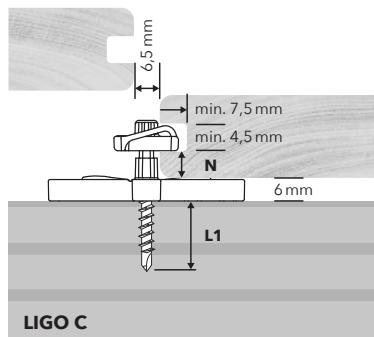
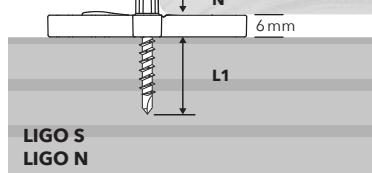
Data sheet



Configurator



Tips & Tricks



| OVERVIEW | LIGO S N with UNIA 4.8x34 mm | | | | LIGO S N with UNIA 4.8x47 mm | | | | LIGO C with UNIA 4.8x34 mm | | | | LIGO C with UNIA 4.8x47 mm | | | | | | | | | | | | | | | |
|--|--|-----|----------|-------|--|-----|----------|-------|---|-----|----------|-------|----------------------------|-----|----------|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| N (mm) | 6-7 | 8-9 | 9.5-10.5 | 11-12 | 6-7 | 8-9 | 9.5-10.5 | 11-12 | 6-7 | 8-9 | 9.5-10.5 | 11-12 | 6-7 | 8-9 | 9.5-10.5 | 11-12 | | | | | | | | | | | | |
| L1 (mm) | 20 | 18 | 17 | 15 | 33 | 31 | 30 | 28 | 18 | 16 | 14 | 13 | 31 | 29 | 27 | 26 | | | | | | | | | | | | |
| RELO N Substructure | ■ | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | | |
| Wood Substructure | | | | | ■ | ■ | ■ | ■ | | | | | ■ | ■ | ■ | ■ | | | | | | | | | | | | |
| ■ Compatible substructure Screw-in depths L1: RELO N min. 14.5 mm max. 29 mm Wood min. 26 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions: | Distance spacer: Length 55 mm Width 32 mm Height 6,0 mm | | | | | | | | Joint spacing LIGO S and LIGO N 6.0 mm LIGO C 6.5 mm | | | | | | | | | | | | | | | | | | | |
| Mounting plate: | LIGO S: L 32mm W 19mm H 1,5mm Stainless steel black | | | | LIGO N: L 32mm W 24mm H 1,5mm Stainless steel black | | | | LIGO C: L 40 mm W 18 mm H 4,0mm PP Polypropylene Recycled black UV and weather resistant | | | | | | | | | | | | | | | | | | | |
| Material: | Distance spacer: ABS thermoplastic Recycled black UV and weather resistant System screw: UNIA2 A2 stainless steel with black surface coating CE UNIA4 A4 stainless steel with black surface coating CE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fastening type: | Concealed sliding point fixation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Decking profile: | Dimensionally stable and modified wood species with side grooved profiled decking boards | | | | | | | | | | | | | | | | | | | | | | | | | | | |