

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. |
| 4,8x34 mm | 80 PCS | 012905020 |
| 4,8x47 mm | 80 PCS | 012905021 |

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



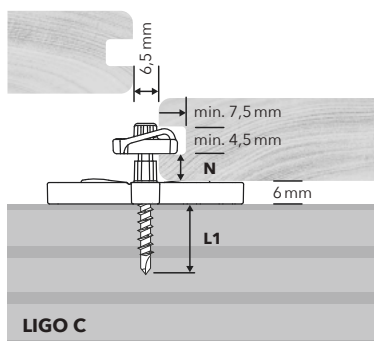
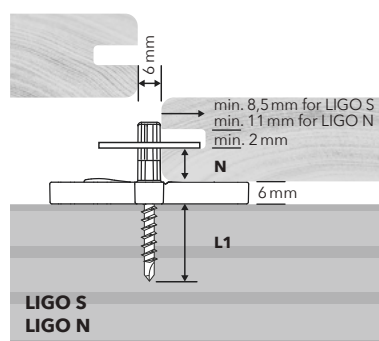
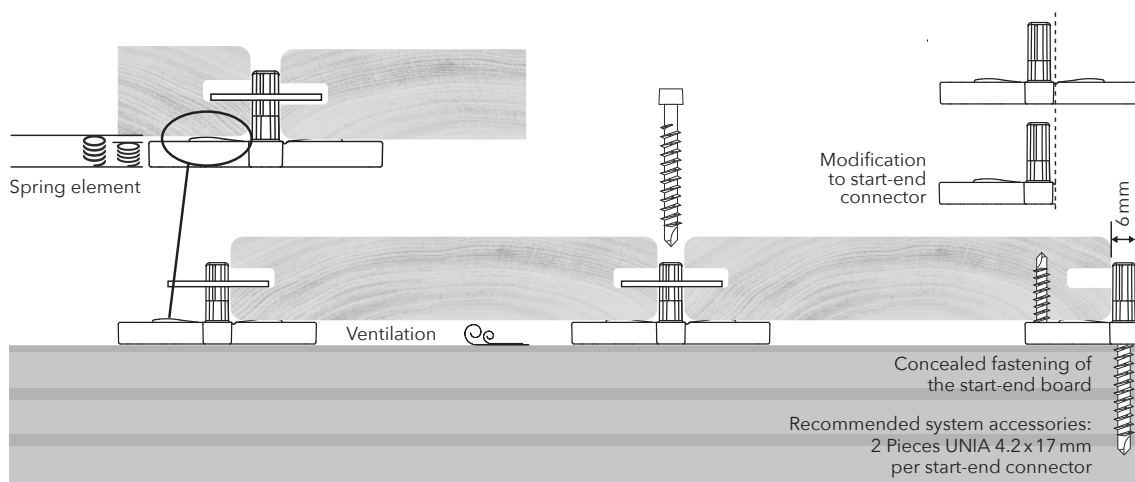
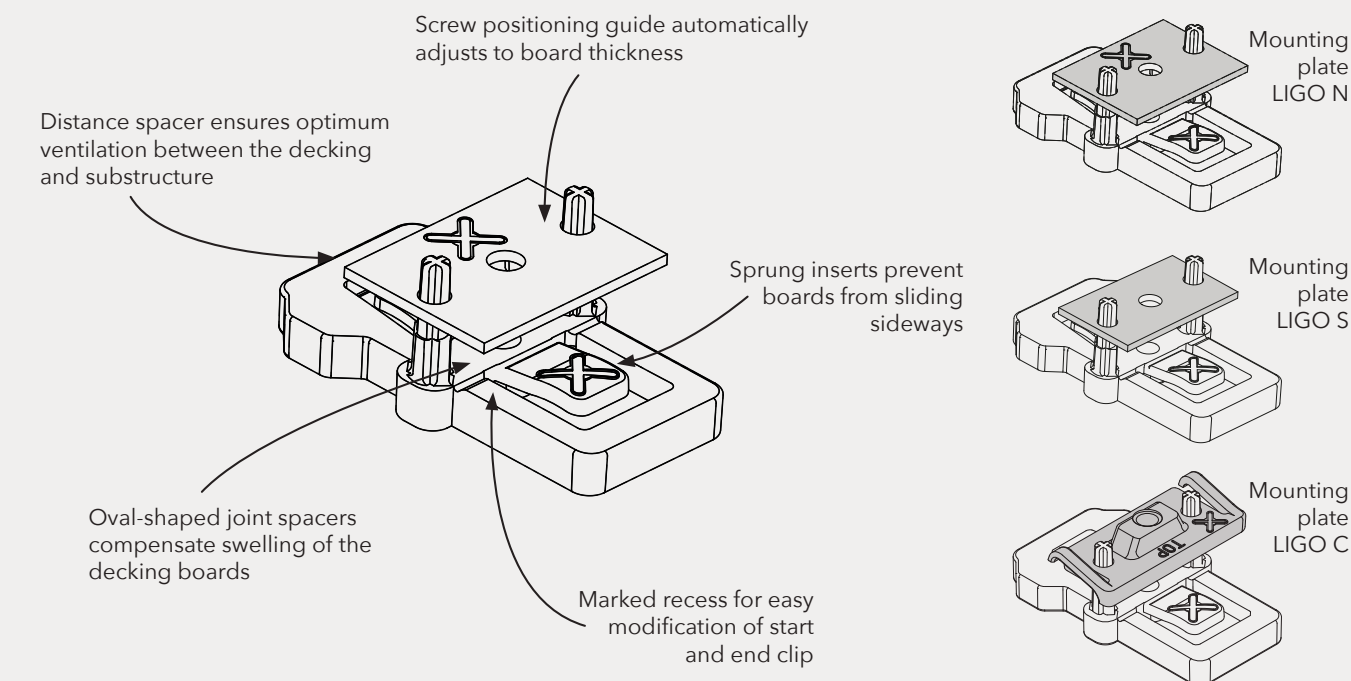
SET-PACK

Each packaging contains the screws required for installation, UNIA system screws and assembly instructions



BRANDING
Custom branding upon request





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 6,0mm | | | | | | | | 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 40mm W 18mm 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 ☼☼ UNIA4 A4 stainless steel with black surface coating ☼☼ | | | | | | | | | | | | | | | |
| Fastening type: | Concealed sliding point fixation | | | | | | | | | | | | | | | |
| Decking profile: | Dimensionally stable and modified wood species with side grooved profiled decking boards | | | | | | | | | | | | | | | |