

LUMICLIP ROTOLOC Assembly

The Future Is Bright With Us

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Please read and understand thoroughly before commencing LUMICLIP-ROTOLOC assembly. Note - explaining assembly invariably makes it seem more complicated than it is. Visit our website for assembly video.

In practice the Lumiclip Rotoloc lock assembly is a quick and easy process.

Lumiclip Rotoloc offers 2 assembly positions to suit double and triple wall corrugated boards

(AC, AA, BCB and AAA flutes for example). Assembly is ideally done on a flat, firm, horizontal support bed.

The product is designed to fit a circular 64 mm diameter die cut hole.

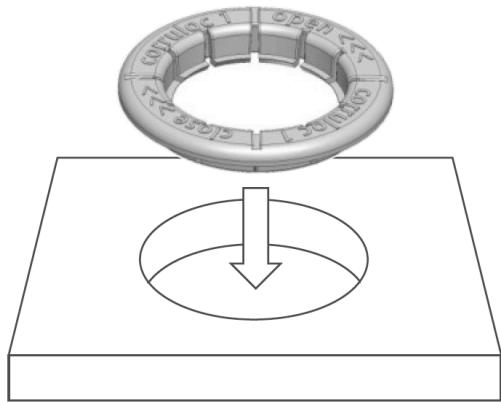
These die cut holes (in the 2 boards to be releasably connected) must be as closely aligned as possible.

No alignment of the key/keyhole components is necessary as the key is free to spin 360 degrees. However, where consistent alignment is preferred for ergonomic or aesthetic reasons, the Fixing Rings outer surfaces are marked with alignment "cross hairs".

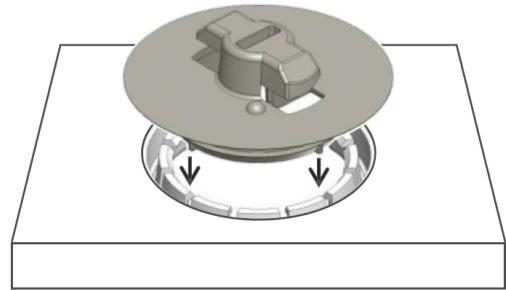


Fitting the Key Set

Step 1 - Press fit a Fixing Ring into the aperture in the outer face of the outer panel. If desired align the ring's 'cross hairs' in a vertical / horizontal orientation.

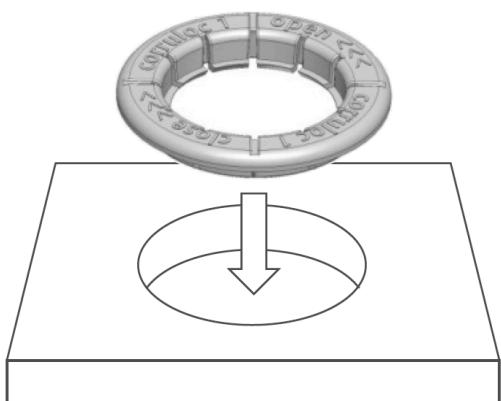


Step 2 - Turn the panel over and locate the Key component level with the Fixing Ring (no rotational alignment is needed). Press down firmly to fit. We recommend that operators wear gloves to apply hand pressure or use the optional fitting aids.

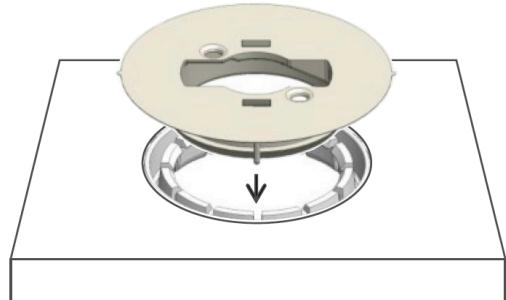


Fitting the Keyhole Set

Step 3 - Press fit a Fixing Ring into the aperture in the inner face of the inner panel. If desired align the ring's 'cross hairs' in a vertical / horizontal orientation.



Step 4 - Turn the panel over and locate the Keyhole component to the fixing ring. Ensure the 4 locating fins on the Keyhole are aligned into the slots on the Fixing Ring. Press down firmly to fit. We recommend that operators wear gloves to apply hand pressure or use the optional fitting aids.



LUMICLIP Rotoloc Assembly Fitting Aid Tool

Lumiclip Model Rotoloc offers 2 assembly positions to suit double and triple wall corrugated boards (AC, AA, BCB and AAA flutes for example). The product is designed to fit 64 mm diameter die cut apertures. Due to the many boards grades and liner weights available and whether corrugated is die cut or manually cut with a hole saw, the LUMICLIP-ROTOLOC-T fitting tool has been developed to aid consistent and proper fit and function across a range of board grades.

If boards are die cut, the crush adjacent to the cut aperture usually ensures a correct fit for Lumiclip Rotoloc even if just fitted by hand. However, in heavier board grades, or if apertures are cut manually, the easy to use Rotoloc fitting tool will help to ensure proper fit and function.

Use #1. is used to slightly crush the board at the aperture (whether die cut or manually cut) and is **used against the board face which will be adjacent to the Key and Keyhole components.**
Fitting aid 1 is simply tapped into the aperture with a mallet to achieve the crush.

Use #2 is placed over the Key and Keyhole components during assembly and tapped with a mallet to properly 'seat' the fastener components into the board apertures. This fitting aid is particularly helpful when fitting the Key component to ensure it can spin freely.

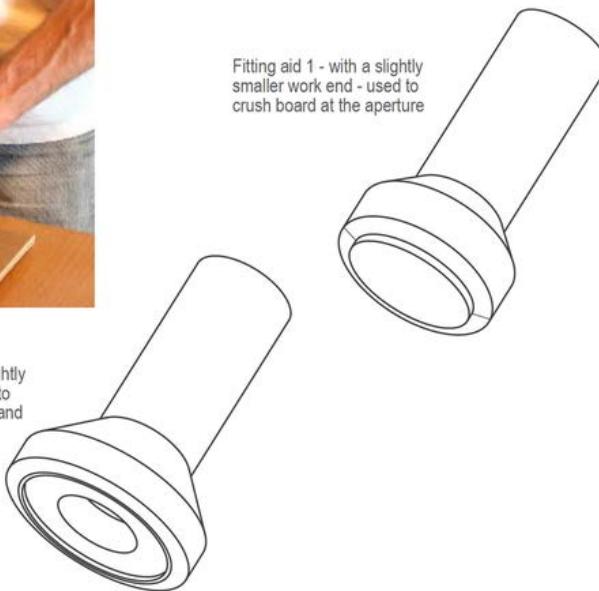
These simple and quick operations can be used separately or in conjunction to ensure proper fit and function across a range of boards and assembly situations.

Operators generally achieve a feel for these aids after just a few initial LUMICLIP ROTOLOC assembly runs and go on to provide reliable and consistent fit and function fastener after fastener.



Fitting aid 2 shown in use

Fitting aid 1 - with a slightly smaller work end - used to crush board at the aperture



Fitting aid 2 - with a slightly larger work end - used to properly 'seat' the Key and Keyhole components