

04.2026

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## Swisspearl Depth Limiter User Guide

Use the **Swisspearl depth limiter** when fastening Swisspearl facade panels (such as the **Natural and Authentic product range**) to ensure that screws have the correct tightness without damaging the panel. This is critical to keep the panel straight, intact and free from cracking.

The Swisspearl depth limiter (product number: **48260431**) is equipped with a **Torx T20 bit**.



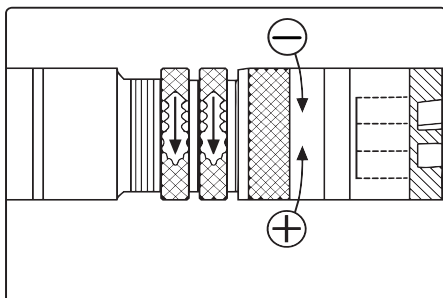
### How to use the depth limiter

You may use:

- a screwdriver equipped with an integrated depth limiter (e.g. **FEIN QuickIN depth limiter**), or
- a **separate Swisspearl depth limiter** mounted on a drill or cordless screwdriver (**NOT** on an impact wrench/driver or a hammer drill).

### Depth adjustment

- Adjust the limiter by turning the head clockwise or counter-clockwise.
- The goal is that the screw head remains slightly above the panel surface, not sink into the board surface at all.
- Do not overtighten Swisspearl panels, as excess tension can cause cracks later due to temperature and moisture movement.



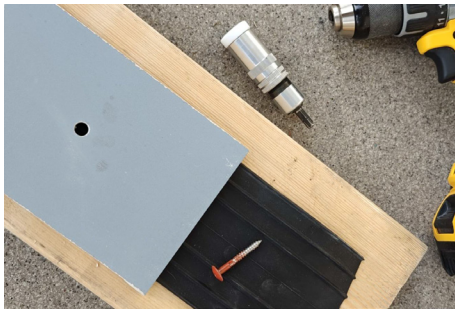
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## Perform a test screw on a scrap piece

- If the screw remains too high (panel wobbles or can be lifted off the batten profile), turn the limiter slightly inward.
- If the screw clamps the panel and prevents lateral movement, turn the limiter slightly outward.
- The correct setting is achieved when:
  - the panel can move sideways but
  - cannot be lifted upward
  - the screw head creates no indentation or burn mark.
- Lock the correct setting using the limiter's locking rings



## Installing the panels

Hold the tool at a 90° angle to the panel surface.

When the limiter's collar touches the surface, the clutch disengages / limiter stops further movement, ensuring the screw automatically stops at the correct depth.

## Replacement of the bit

Devise uses wera 867/4 torx bit (T20x50)

1. Take C-clip / retaining ring off. **1**
2. Disassemble the tool and remove the old long torx bit.
3. Replace it with a new one and reassemble the tool.
4. Make the necessary adjustments again, and the tool is ready for use.

