

## What is the RLS SOS system

The RLS SOS system is an auxiliary levelling system designed to:

- complete tile levelling in the event one of the main levelling system clips breaks (during tightening);
- integrate the main levelling system to perfect tile levelling.

## Components of the RLS SOS system

The RLS SOS system consists of:

- SOS Rescue Clip (1).
- cap (2).
- protection ring (3) for tiles with delicate surface finishing.

## Requirements for use of RLS SOS system

- The RLS SOS system requires a minimum joint width (distance between tiles) of 1.5 mm (1/16").
- The RLS SOS system is compatible with tiles between 3 and 20 mm thick (1/8" – 3/4").
- To use the RLS SOS system, the tile adhesive layer must be at least 3.5 mm thick (0.14")

## How many clips to use

- If the RLS SOS system is used on low-thickness tiles (up to maximum 6 mm – 0.24"), it may be sufficient to use only one SOS Rescue Clip to replace 1 clip of the main levelling system.
- For tiles thicker than 6 mm (0.24"), it is highly recommended to use 2 or more SOS clips to replace 1 clip of the main levelling system.
- If used with a joint more than 3 mm (1/8") wide, it is highly recommended to increase the number of SOS clips used.

## Parts of the RLS SOS clip

The RLS SOS clip consists of:

- A parallelepiped-shaped upper handle (A).
- A threaded part (B).
- A stem (C).
- A bottom foot (D).



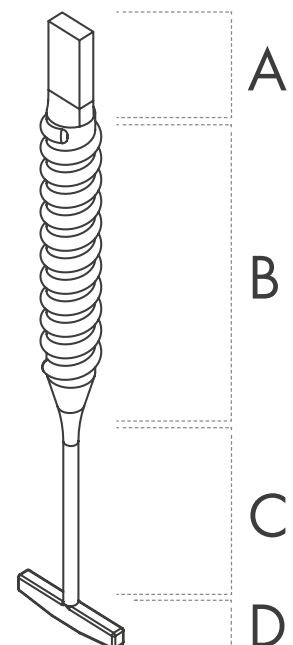
1



2



3



## Proper tightening of two or more SOS clips used simultaneously

When 2 or more SOS clips are used together, they must be gradually and alternately tensioned (by tightening the cap) as follows

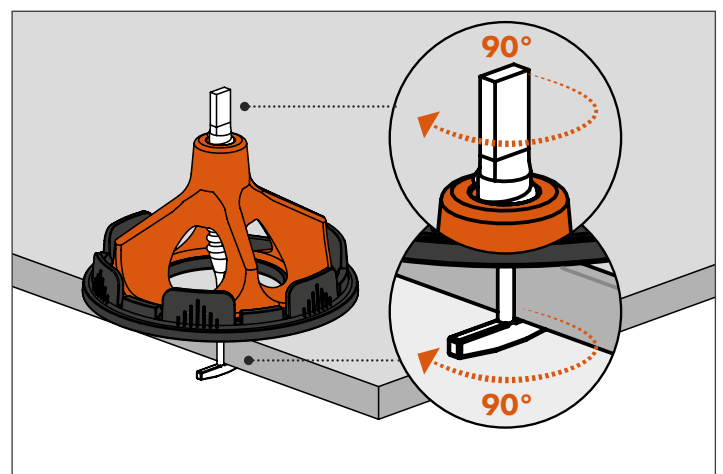
1. Pre-screw the cap onto the SOS Rescue Clip by at least 1 full turn until the handle (top of the parallelepiped-shaped clip) protrudes from the cap.



2. Insert the SOS Rescue Clip into the joint, pushing it in deep.



3. Holding the upper handle with your fingers, rotate the SOS Rescue Clip by 90° (until the grip is perpendicular to the joint).



If the SOS Rescue Clip is difficult to rotate:

- it may not be inserted deeply enough: insert the SOS Rescue Clip more deeply.
- the adhesive is less than 3.5 mm (0.14") thick: increase the thickness of the adhesive.



4. Holding the SOS Rescue Clip firmly by the upper handle, screw in the cap **(4.a)** until it comes into contact with the tile surface **(4.b)**.



5. Tension the clip by tightening the cap by one quarter turn.



6. Install the second SOS Rescue Clip: to do so, repeat the steps from 1 to 5, making sure to maintain a spacing of 1 to 3 cm (3/8" – 1 3/16") between the two caps.



7. Now go back to the first installed SOS Rescue Clip and tension it by turning the cap by another quarter turn; keep a firm hold of the upper handle.



8. Now go back to the second installed SOS Rescue Clip and tension it by turning the cap by another quarter turn; keep a firm hold of the upper handle.



The clips are now correctly tightened and, therefore, the tiles are levelled.

If the levelling is not satisfactory, additional SOS clips should be added and the clip tension should be increased by further tightening the caps.

## Removal

1. Allow sufficient time for the adhesive to harden in order that the floor can be walked on (the time varies depending on the type of adhesive used and the environment conditions of the site).
2. Remove the SOS clips by hitting them (with a mallet or your foot) parallel to the direction of the joint.



3. Unscrew the SOS clip stumps from the caps



4. Store the caps for later use.

## Assembly and use of protection ring

- The RLS SOS KIT contains one protection ring for each cap.
- The protection ring eliminates the risk of scratching delicate tile surfaces (for example polished / smooth tiles), without altering the ergonomics, performance and user-friendliness of the system.
- It is strongly advised to mount the ring on each cap (press-fitting it) before using the product.
- The ring can be left permanently fitted to the cap (i.e., it does not need to be removed after use).