

# Installation manual – shaft cover

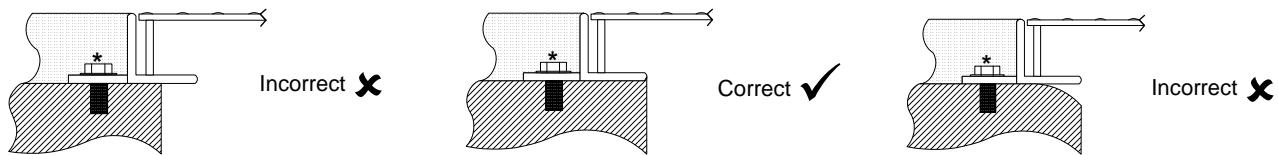
## Installation of frame and cover (on-site service)

- In order to guarantee the rating loading behaviour, the frame of the cover must be placed on a concrete base of compressive class C40/50.
- When installing the frame, make sure that the frame does not warp. Do not remove the existing locking screws if it is not required. During installation, protect the locking screws holes and lifting keyholes from contamination.

## General information

The entire load over the cover will be carried by the frame. To take and carry this force, sufficient bedding must be provided.

The following pictures show the correct and two incorrect frame bedding methods:



\*The frame must be mechanically secured using the appropriate provided tabs.

## Installation

1. The frame and cover are mounted floating, not forcefully connected to the dome shaft.
2. Place the frame and cover centrally over the shaft opening. The frame is anchored with M12 hexagon screws.
3. The frame is sub-structured with mineral material and if necessary, grouted.
4. Check that the frame is completely sub-structured and grouted.
5. When the substructure is fully cured, check that the cover can be removed from the frame.  
With double-sided covers pay attention to the accuracy of fit and free-movement of the cover and opening mechanism. If required all metal parts can be adjusted to fit with the appropriate tool on site (after the concrete or screed substrate has hardened). Interfaces should be treated with anti-corrosive paint.
6. Pay attention that bolt holes, lifting keyholes and seals do not become clogged when laying concrete or screed.

## Seals

Seals are to be kept free from deposits during installation.

## General Maintenance

After removing the cover from the frame the seals can be cleaned with a soft brush. Please always use the factory-supplied keys to open. The locking points are to be kept free from deposits.