

## Correct installation of a conveyor GSPV (applies also for RSPV)

There are several points to consider to achieve a proper adjustment of the conveyor belt.

### 1 The alignment of conveyor body must be perfect.

It has to be exactly straight and levelled. A little bending will always make the conveyor belt move to one side or the other. Level and alignment can be adjusted by the plastic feet of the conveyor.

Plastic foot:



### 2 Correct fixing to the ground.

The plastic feet of the conveyor must be fixed to the ground.

If you only put it on the ground and don't fix it, it will change its position regularly. Then little kicks by dispensers or when cleaning the floor will affect the alignment.

For fixing the feet there are several parts delivered with a new conveyor:

Base plate 139978:



Fixing element 139980:



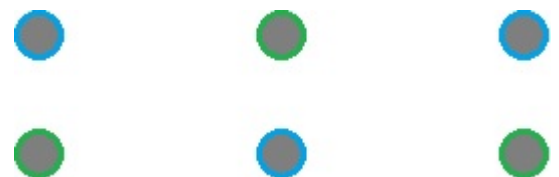
2 screws 139981:



The amount delivered with the conveyor suits for a zigzag-fixing like shown in blue colour in the sketch on the right.

If for any reason zigzag-fixing should not last you can use additional fixing; like shown in green colour.

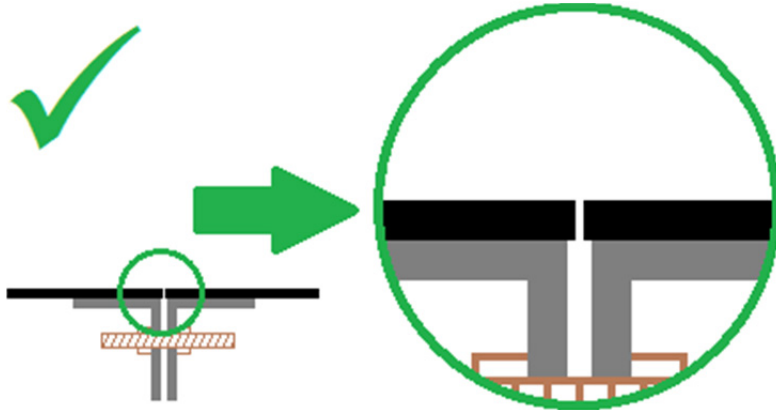
The base plates 139978 must be glued to the ground. We always recommend using Sikaflex-11 FC+ or a similar product.



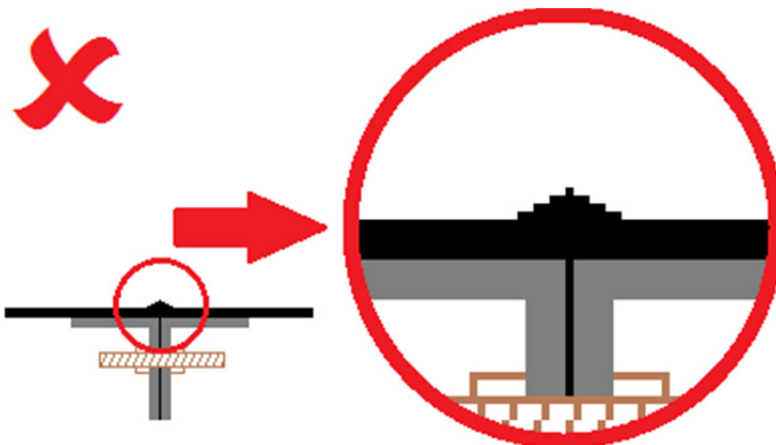
*Please note: This fixing to the ground is a must! Otherwise the conveyor will not work reliably.*

### 3 Stabilizing the conveyor body.

The conveyor usually is delivered in several parts. This means there are connecting areas of the conveyor frame. When connecting two parts of the conveyor frame it is important that there remains a very small gap which is approx. the diameter of a human hair. Please find below sketch to explain.



Very often it happens that the connection is not done correctly. The screws underneath (brown colour in the sketch) are tightened too strong and the colliding sheets are doing a bulge. Please find below sketch to explain.



In a second step you punctual have to weld the two parts together. Below are some sample pictures. These are from a RSPV, but for the GSPV it's identical.



And last not least the conveyor feet must be located exactly underneath the connection of two frame parts (so both parts are fixed on one foot).

#### **4 Adjustment of the conveyor belt tension and orientation.**

As soon as the previous points are done properly you can start adjusting the belt.

The procedure is described in the manual of the conveyor.

Important is to do the adjustment slowly (no big adjustment in one step; do smaller adjustments in little steps).

The belt should run in slowest speed during the adjustment.