



SatSENS.loop-wall

(Safety-Level #1)

SatSENS.loop-wall is a specially developed set of plates with integrated loop cables for detecting break-ins through side walls or roof. The plates are attached to the inside of the trailer and can thus detect if burglars cut a hole in the side walls or roof.

Due to the fact that the internal construction and dimensions of each trailer model vary, the SatSENS.loop wall must be designed according to customer requirements and upon request.

In general construction, SatSENS.loop-wall basically consists of two GRP (Glass Reinforced Plastic) strips with integrated cables glued to the side wall. The roof and the partition wall are also protected by two glued GRP strips.

The special fiber optic cable used as a loop cable has the advantage that it cannot be detected by any cable / power detector, and it is much lighter and more flexible than ordinary copper cables.



Highlights at a glance

- Detection of breakthroughs in side walls and roof of trailers
- Loop strips material reinforced in a woven composite for higher impact strength
- Non-measurable and lightweight fiber optic cables
- No interference with mobile communications or other wireless systems
- Can be connected to Sat_MOS® security tracking devices

Technical Data

GFK strips:

- Dimensions: 13000 x 900 x 2 mm (L x H x D) per strip.
- Weight: approx. 20kg per strip
- Material: GFK (Glass Reinforced Plastic)

Loop Cable:

- 1mm thick fiberglass cable
- approx. 400m cable in one piece
- distance between loop cables about 22,5 to 30 cm

