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Fall Protection Solutions



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## Fall protection systems

**The Contec.safe fall protection system ensures the safety of an individual whilst they clean and carry out maintenance work on flat roofs. The system does not create any piercings and bears the CE quality mark. It is suitable for both gravel roofs and green roofs.**

### Basic principle of Contec.safe

All the products of the Contec.safe fall protection system work safely and reliably in accordance with the same, simple, and patented basic principle: The load bearing capacity of the green roof construction or layer of gravel in a predetermined structural strength, acts as a ballast for Contec.safe to secure the required stability as an anchor point for personal protective equipment without having to pierce through the roof. This is of relevance for servicing and maintenance work.

### CE tested and approved system for flat roofs (0-5 °)

Fall protection systems for flat roofs held by the load bearing capacity must be tested by an accredited assessor in accordance with DIN EN 795, both Class E and C. The approval and CE marking are only granted after the installation and operating instructions have been successfully tested and submitted.

### Interesting facts

The revised Federal Construction Regulation (Bau- AV) applies as from 1 January 2006, based on Article 83 paragraph 1 of the Accident Insurance Act of 20 March 1981 (UVG) and Article 40 of the Labour Code of 13 March 1964 (ArG):

#### *Article 18 Scaffolding*

Where, in the case of buildings above ground, the distance to ground is in excess of 3 metres, facade scaffolding shall be fitted. The uppermost guardrail of the scaffolding shall, for the duration of the building work, be at least 80 cm higher than the highest level above ground.

#### *Art. 19 Other means of preventing falls*

1) Where the affixation of ... scaffolding as described in Article 18 is not possible for technical reasons or is dangerous, catching scaffolds, safety nets or securing ropes shall be used, or alternatively protective measures of equal effectiveness.



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## Products



**Crash prevention point system**  
Safety system with single point of impact.  
Tested in accordance with DIN EN 795: 2012-10 for extensively leafy or Roofed flat roofs.



**Crash prevention liner system**  
Depending on the roof, this system consists of different posts (beginning, middle, corner and end posts) and runs parallel to the roof edge.  
Tested in accordance with DIN EN 795: 2012 and CEN / TS 16415: 2013 for extensively planted or gravelled flat roofs.



**Crash protection system liner with overpass**  
This retention system is the comfortable extension of the liner system. The maintenance and maintenance person can let the glider run comfortably over the connecting posts.



**Crash protection railings**  
The permanent railing is used above all when collective protection is required. Railings can also be used for green roofs and gravel roofs as well as for roof docks.  
Railings are available in various installation types and system variants.

### Basic principle Contec.safe



Positioning



Laying-up



Weighting



2 years after sowing

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## Why Contec?

- It does not pierce through the roof waterproofing
- The basic structure of the building is not disturbed
- Flexible to use
- SUVA tested + approved (STEV, Article 2, paragraph 3), EN 795 class E
- Quick to install and easy to use thanks to the installation plan
- Cost effective
- Corrosion-resistant stainless steel
- Can also be fitted later

**Everything from a single source.  
We offer all the products and services required for  
entire roofing systems.**

Contec.watt Photovoltaic systems  
Contec.fior Green roofing  
Contec.safe Fall protection  
Contec.flex Protection and separation layers  
Contec.drain Drainage panels  
Contec.proof Rubber seals  
Contec.therm Thermal insulation  
Contec.vap Vapour barrier

## **Contec AG**

Glütschbachstrasse 90 · CH-3661 Uetendorf  
Tel. +41 33 346 06 00 · Fax +41 33 346 06 01  
info@contec.ch · www.contec.ch