

THEFT ON ROOFS

THE RISKS AND CONSEQUENCES OF THEFT



CONDUCT
TECHNICAL SOLUTIONS

Theft on Roofs

Roofs, whether they are part of residential homes, commercial buildings, or industrial complexes, are a critical part of the infrastructure. With the increasing installation of valuable equipment such as solar panels, HVAC systems, and other technologies on roofs, the threat of theft has significantly increased. This whitepaper explores the risks of theft on roofs, the consequences for owners and operators, and the solutions available to mitigate these risks.

About Conduct Technical Solutions

Conduct Technical Solutions is a leading company focused on innovative and sustainable solutions for the installation and protection of solar energy systems. With years of experience in the industry, Conduct provides products designed to maximise the safety, efficiency, and lifespan of solar panels and other rooftop installations.

Our product line, including PVshelter, PVbox, RoofSupport, PVtube and SolarCable, has been specially developed to meet the strictest standards in safety and durability.

At Conduct, we believe that every installation should be executed with attention to detail and respect for the environment. This is why we use recycled materials and continuously work to improve our production methods to achieve a lower CO2 footprint.

In addition to our product solutions, we offer extensive support and advice to our customers, from the planning phase to the installation and maintenance of systems. Our expertise in fire safety, wind certification, and innovative mounting techniques makes us the ideal partner for any solar energy project, large or small.

By choosing Conduct, you are not only opting for quality and reliability but also for a partner committed to protecting and optimising your investments. We value our contribution to the energy transition through safe and sustainable solutions.



1. The Growing Problem of Roof Theft

1.1. Why Roofs Are a Target

Roofs are often difficult to access and less visible from the ground, making them attractive for theft. The valuable equipment typically installed on roofs, such as solar panels, air conditioners, copper wiring, and even complete HVAC systems, can easily be removed and resold. This combination of value and relative invisibility makes roofs a popular target for criminals.

Source: Solar365. (2024). Diefstal van DC-kabels bij zonneparken: Een duurzaam probleem.

1.2. The Impact of Theft on Businesses and Individuals

The theft of rooftop equipment can cause significant financial damage. Not only do the stolen items need to be replaced, but there is often additional damage to the roof itself or other installations. Furthermore, theft can lead to business interruptions, reduced energy output (in the case of solar panels), and increased insurance premiums. For individuals, theft can result in high replacement costs and potential structural damage to their property.

Source: Solar365. (2024). Diefstal van DC-kabels bij zonneparken: Een duurzaam probleem.

2. Risk Analysis: What Makes a Roof Vulnerable?

2.1. Location and Accessibility

The location of a building and the accessibility of the roof play a major role in the risk of theft. Buildings in remote or poorly lit areas are more vulnerable. Additionally, flat roofs without adequate security make it easier for thieves to access valuable equipment.

Source: Zonnepanelen-Info. (n.d.). Tips om diefstal van zonnepanelen te voorkomen..

2.2. Valuable Equipment

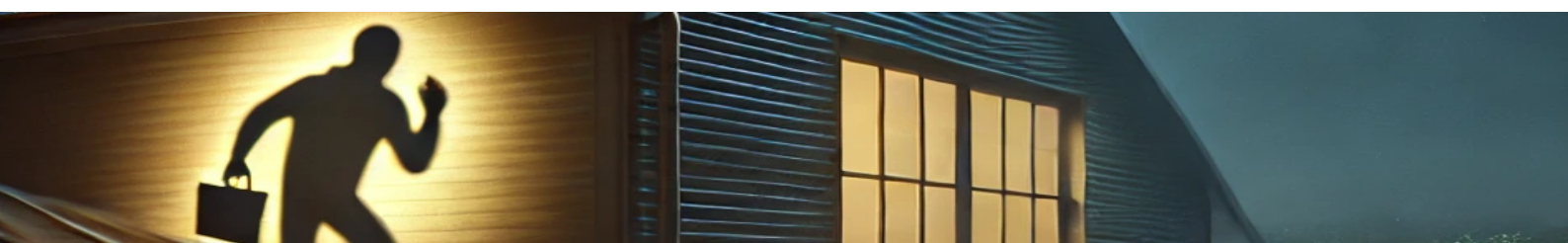
Solar panels, air conditioning units, and copper wiring are particularly attractive to thieves due to their high resale value. This is especially true for solar panels, which represent a significant investment and are relatively easy to remove if not properly secured.

Source: Zonnepanelen-Info. (n.d.). Tips om diefstal van zonnepanelen te voorkomen.

2.3. Lack of Security

Buildings without security measures such as fences, cameras, or alarm systems are at greater risk of theft. The absence of a clear physical barrier or warning systems makes it easier for thieves to operate unseen.

Source: Zonnepanelen-Info. (n.d.). Tips om diefstal van zonnepanelen te voorkomen.



3. Costs and Insurance Aspects

3.1. Direct and Indirect Costs of Theft

The direct costs of theft include replacing stolen equipment and repairing any damage to the roof. However, indirect costs can be much higher, such as production or energy losses, increased insurance premiums, and reputational damage for businesses.

Source: Zonnepanelen-Info. (n.d.). Tips om diefstal van zonnepanelen te voorkomen.

3.2. Insurance Options and Coverage

It is essential to have adequate insurance that covers the costs of theft of rooftop equipment. Businesses and individuals should ensure that their insurance policy specifically covers what is installed on the roof, including replacement and installation costs.

Source: Zonnepanelen-Info. (n.d.). Tips om diefstal van zonnepanelen te voorkomen.

Conclusion

Theft on roofs is a growing problem that can have significant financial and operational consequences for both businesses and individuals. By implementing proactive security measures and investing in technologies that prevent theft, building owners and operators can significantly reduce their risks. Adequate insurance coverage and regular maintenance inspections are crucial to minimising the impact of theft and ensuring business continuity.

Would you like to learn more about how to optimise and secure your solar power installation?

Feel free to **contact** us. Together, we will explore the best options for your PV-system!



We work with you

For us, providing service and support to our customers is paramount. Whether it's innovative solutions, custom projects or providing the best service, we are here to support you. Let us know how we can help and we will work with you to find the best solution.

Moreover, we supervise projects from A to Z and many of our products are readily available from stock. This means we can support your project efficiently, and provide you with the products you need quickly. Together we will make your project a success.

Ordering and contact

Conduct's product range is available from several distributors in the Netherlands and abroad. Scan the QR code below for a complete list of our partners and to access points-of-sale directly.

Need more information?

Contact us at info@conduct.nl or +31 (0)180-531120.

FIND A DISTRIBUTOR



Conduct Technical Solutions BV
Fennaweg 24, 2991 ZA Barendrecht
The Netherlands

+31 (0) 180 531120 | info@conduct.nl | conduct.nl/en

