

# Maintenance and care of glass constructions

**VELUX®**
**Commercial**


An investment that protects assets!

## General information about the dangers of irregular maintenance

Glass can handle a lot – but not everything! The effects of increasing extreme weather phenomena like storms, heavy rainfall, hail, snow and ice can present a real danger for complex glass structures in the long run.

The persistent effects of weather can lead to changes, material fatigue and wear and tear in building components. The result: water penetration and expensive consequential damages through cracks, detached screw fittings and leakage points.

Regular and professional maintenance remedies this, taking the safety of working on the roof into consideration.

## Why regular maintenance is so important

- professional cleaning of glass surfaces at regular intervals increases the service life
- regular maintenance prevents the damaging ingress of water into the building structure
- danger of structural damage to the load-bearing glass construction is significantly reduced
- risk of building or machine standstills due to repairs is effectively prevented
- avoidance of high capital and personnel outlay in the event of renovation
- maintenance and upkeep ensure the long-term value retention of the construction and, therefore, the entire property
- maintenance fee as a fixed, planned expense



3.4.2  
JET  
SKYSIGHT

3.6.2  
JET ISO pyramid 45°  
GLASS/GRILLODUR®

3.6.3  
JET ISO hip 45°  
GLASS/GRILLODUR®

5.1.1  
Stick system

5.1.2  
Top-mounted  
stick system

## Scope of professional maintenance by JET

### Work steps (excerpt)

Check all screw fittings for proper fit

Retighten of loose screw fittings

Examine all moulding and metal sheets for correct fit

Assess the glass panels for cracking

Clean accumulated dirt, to ensure correct water drainage (no glass cleaning)

Examine all seals and sealants



Cleaning of accumulated dirt to ensure correct water drainage (no glass cleaning)



Examination of the motor opener

### Vision and quality

Cleaning glass constructions requires the use of qualified personnel who are very familiar with the special features of the constructions. This allows, damages caused by cleaning, such as through the incorrect or improperly used cleaning material, to be categorically excluded. Therefore, in our work, we always observe the following rules:

- expert examination of the necessity of repair work in advance
- use of gentle, soft cleaning materials appropriate for the type of glass used
- use of neutral cleaning materials, for the sustainable protection of sealants and to maintain light transmission
- verification and documentation of all maintenance work and delivery of the documents to the customer
- maintenance work certified in accordance with DIN EN ISO 9001

#### Note:

Cleaning of the glass surfaces is not included in the maintenance package. It should be carried out by a qualified specialist company.

### Advantages of the cooperation with VELUX Commercial

1. extensive examination of the whole construction
2. maintenance of all pneumatic, electrical and pyrotechnical SHEV systems
3. factory customer service: more than 50 of our own, regularly trained SHEV system technicians
4. comprehensive quality and occupational safety management (certifications in accordance with DIN ISO 9001 and DIN ISO 45001)
5. VdS installer accreditation for SHEVs
6. quick reaction in the event of malfunctions
7. emergency numbers
8. direct communication via regional offices
9. risk minimisation and value retention through regular maintenance
10. original replacement parts and consumable materials from all manufacturers, for all types of SHEV systems
11. attractive replacement part prices for maintenance customers