Innovative. Flexible. Process-reliable:
The retrofit capable manufacturer-neutral fall-through protection for more safety

NEW The individual concept including unique stability testing

The product at a glance:
❖ Permanently and collectively effective “Dynamic fall-through protection” for roof openings (e.g. with light domes up to a maximum nominal width of 2 x 3 m)
❖ JET-fall through protection, tested and approved in accordance with GS-BAU 18:2015-02 (DGUV Test Certificate: being prepared) [German Employers Liability Insurance]
❖ Energy consuming design to reduce the impact energy (protecting people and structure) and for improving the appearance
❖ Unique and patent pending connection technology for stability testing of the upstand

Advantages:
❖ Individual use in existing structures (retrofitting)
❖ Retrofitting possible regardless of upstand type and manufacturer *)
❖ Extensive testing
❖ Fast and simple installation
❖ No interruptions to operation
❖ Permanent and collective effective safety for the roof area
❖ Minimal influence on daylight yield and smoke exhaust
❖ High light permeability
❖ JET-LK-DDN installation and SHEV handling from one source

Note:
*) Insofar as no limitations are stated by the design with regard to function and capability for utilisation

The problem:
❖ No, or only insufficient, implementation of valid German standards and regulations (e.g. BauStellV, DIN 4426:2017-01, ASR A2.1, DGUV Regulation 38 and Information 201-054)
❖ Safety components are missing, cannot be utilised safely or require a complex, supplementary rescue concept
❖ Building stock has been expanding continuously and contains e.g. different SHEV light dome systems

The risk:
❖ Latent, partially high potential danger during maintenance, repair and other works on the flat roof
❖ Substantial liability risk for the building operator because of missing safety on the roof

Our approach:
❖ Utilisation of the JET-LK-DDS system for securing against fall through

Our safety concept:
❖ “Dynamic fall-through protection net” for permanent and collective light dome safety
❖ Individual adjustment to suit structural conditions
❖ Direct securing via special bracket
❖ Quick, safe installation from on the roof (minimum limitations for ongoing operation)
❖ Optional monitoring for utilisation capability (e.g. visual inspection regarding damage or corrosion and/or controlling the substructure)
The retrofit capable JET-LK-DDN fall-through protection system

- Is a specially designed fall-through protection system for the permanent and collective safety for roof openings
- Has been tested and approved in accordance with GS-Bau 18 and is utilised to prevent falling through
- Can be installed quickly without penetrating the roof membrane
- Connection technology contains testing of the substructure with regard to the necessary stability
- Has been designed for the individual need in existing buildings because of the high independence level concerning manufacturer and nominal dimension of the light dome upstand
- Is designed for especially high availability
- Special logistics concept for rapid delivery to where safety is imperative

FIVE STEPS TO THE BEST FALL-THROUGH PROTECTION

01 Step 1: Risk assessment
02 Step 2: Stability testing
03 Step 3: Installation/Retrofitting
04 Step 4: Technical approval inspection
05 Step 5: Documentation

Additional information can be obtained from the website: lk-ddn.jet-group.com

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