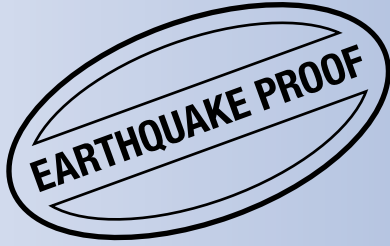


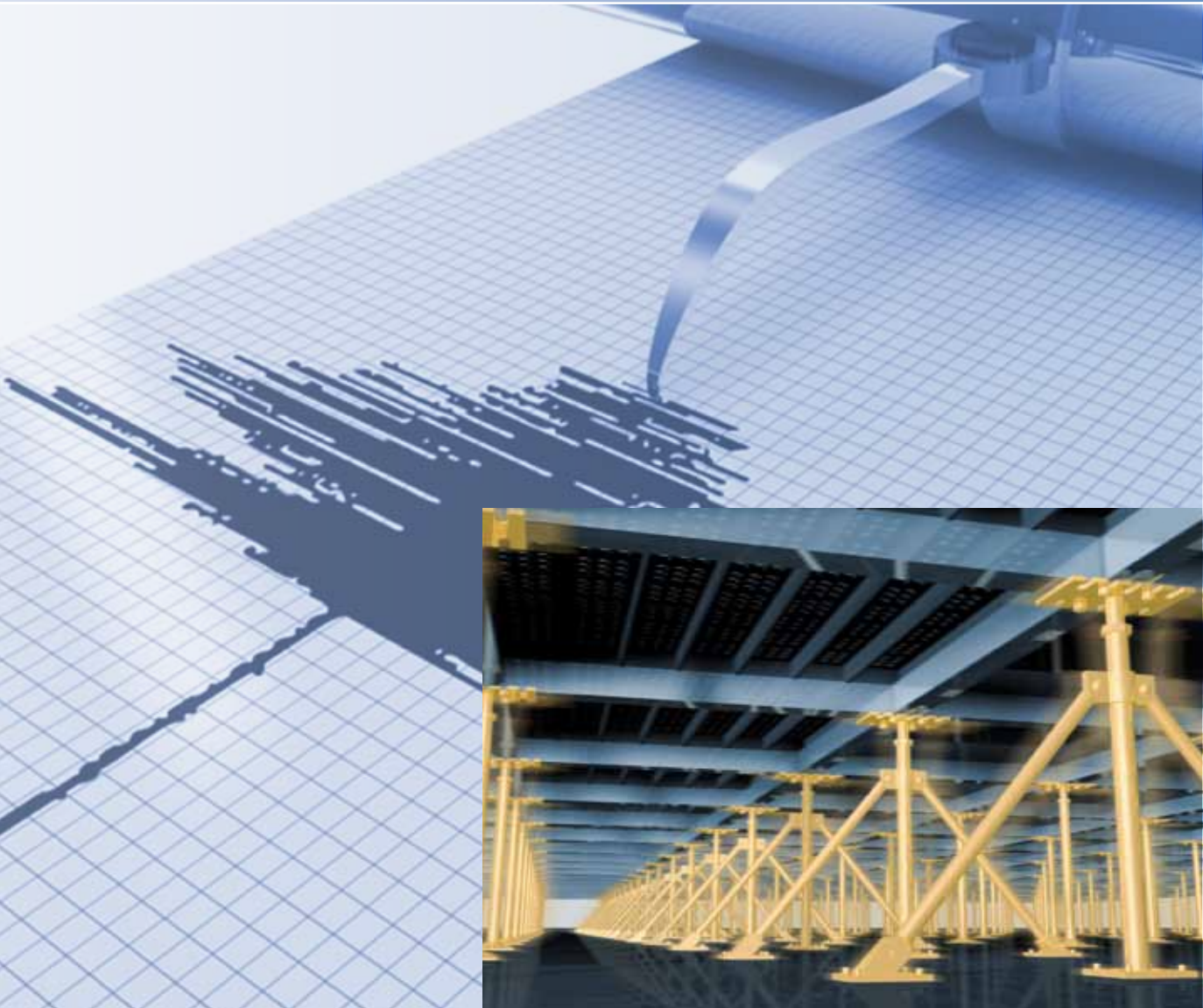
# MERO Access Floor / Earthquake resistance



## Innovative solution from one source

Development  
Consulting  
Planning  
Manufacturing  
Installation

Access floor  
Hollow floor  
Floor covering and  
Installation  
Services



**MERO**®  **TSK**

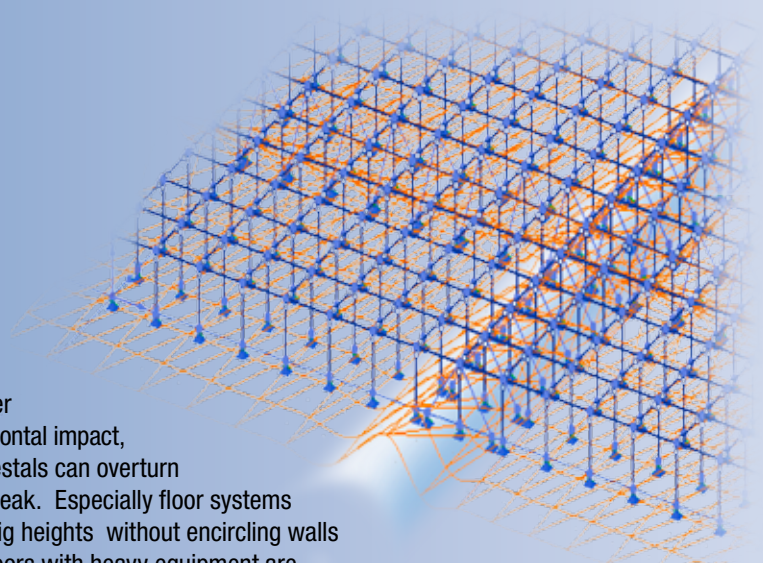
**Floor Systems**

# Safety for people and technology



During an earthquake the risk is that the emergency exits are blocked and the evacuation from the danger area or the rescue of injured people is no longer possible. The operational reliability of important technical equipment can be impaired or become completely inoperative. Therefore, a solid and earthquake resistant access floor can become essential for survival. In earthquake endangered areas, an access floor should be a solid and flexible construction which can withstand the seismic waves without being damaged.

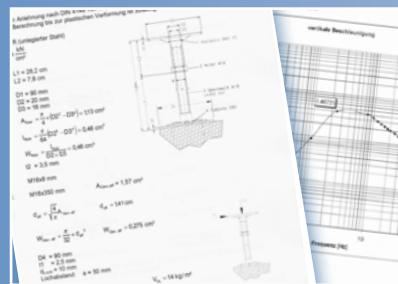
Under horizontal impact, pedestals can overturn or break. Especially floor systems of big heights without encircling walls or floors with heavy equipment are jeopardized. Many systems are flexible and lead often to a multiplication of the floor acceleration. Our engineers have the necessary know-how to calculate the seismic forces and to submit the solution for the appropriate structural countermeasures. The MERO statics department has many years of



experience in the implementation of earthquake resistant access floors.

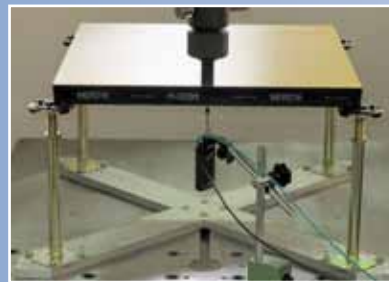
## Static calculation

Under consideration of the local conditions and the specific structural requirements MERO calculates the appropriate construction of an access floor.



## Laboratory testing

Acting forces are simulated on the floor panels and the substructure.



## Certification

The structural bases and the implementation of earthquake resistant access floors have been often officially certified in the past.



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