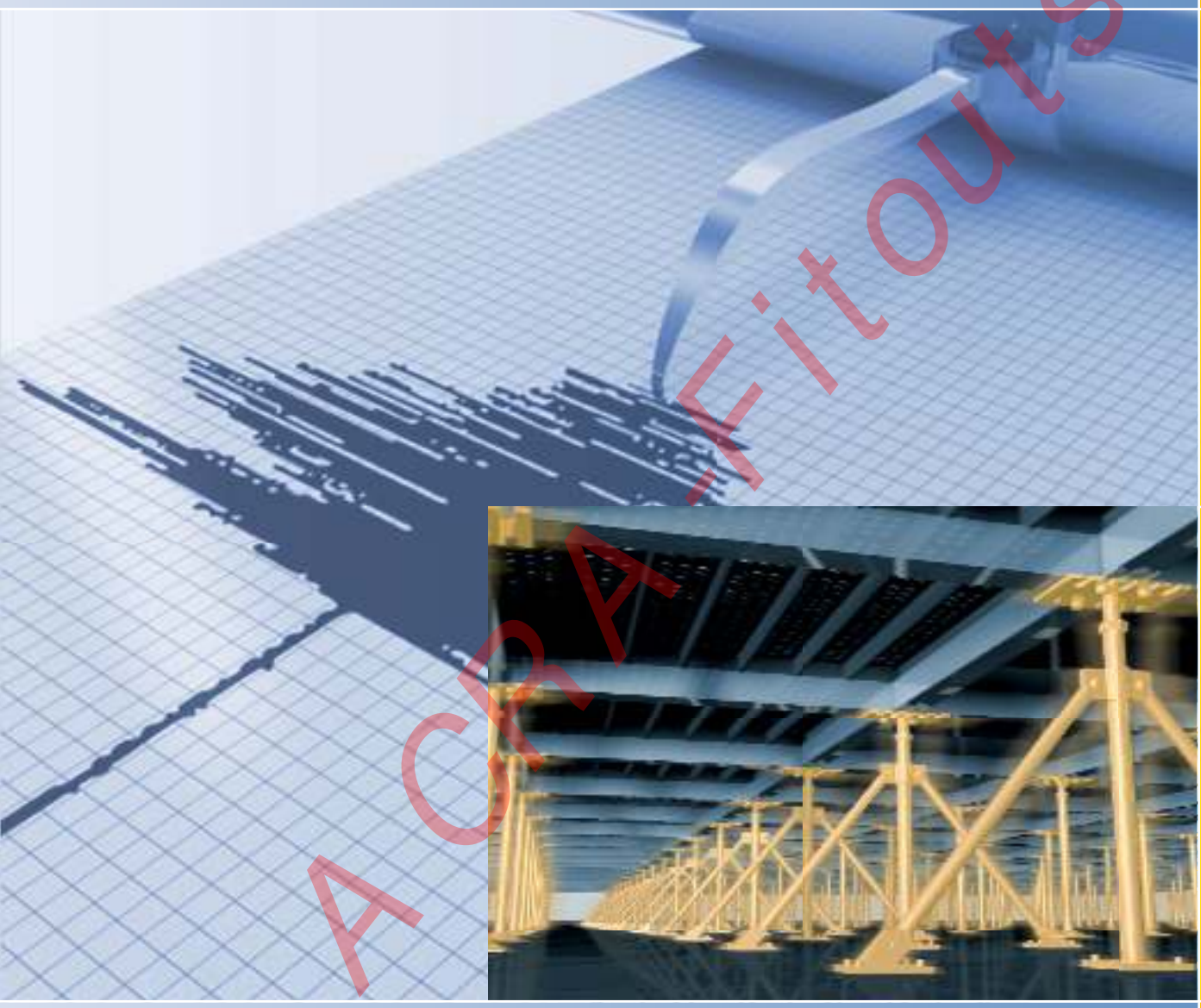
MERO Access Floor
Earthquake resistance

EARTHQUAKE PROOF

Innovative solution from one source

Development
Consulting
Planning
Manufacturing
Installation

Access floor
Hollow floor
Floor covering and
Installation
Services



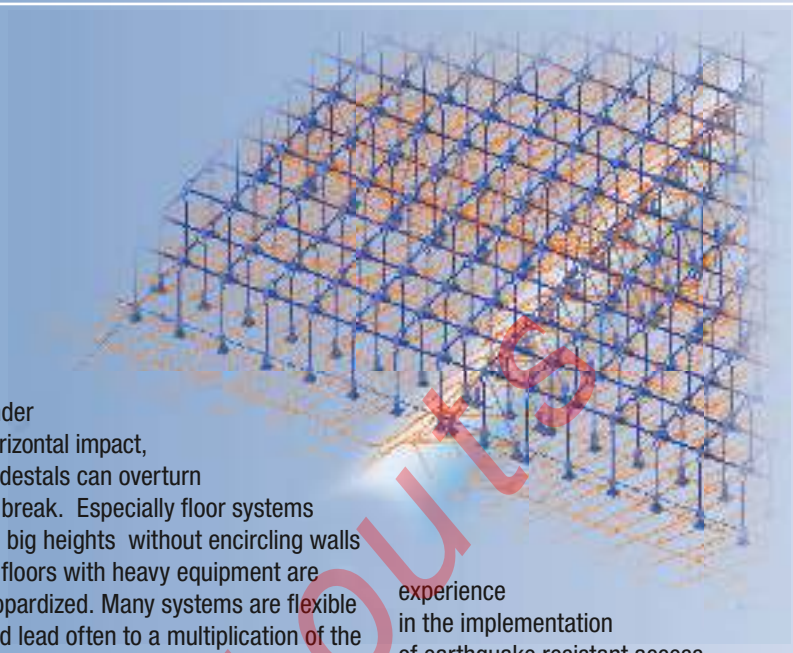
ACRA Fitouts

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.

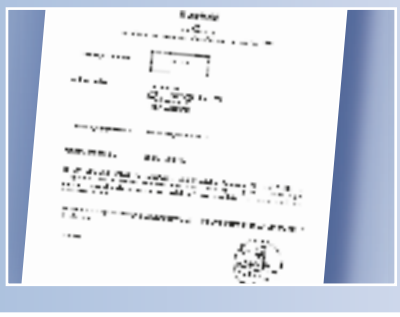


Under horizontal impact, pedestals can overturn or break. Especially floor systems of big heights without encircling walls or floors with heavy equipment are jeopardized. Many systems are flexible and lead often to a multiplication of the floor acceleration. Our engineers have the necessary know-how 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.



ACRA - Fitouts

Head office:
MERO-TSK
International GmbH & Co. KG
Max-Mengeringhausen-Str. 5
D-97084 Würzburg, Germany

ACRA – Fitouts
John Minehane
+353 86 85 87 398
john@acraltd.ie
www.acraltd.ie

Postal Adress:
MERO-TSK
International GmbH & Co. KG
Product Division Floor Systems
Lauber Straße 11
D-97357 Prichsenstadt/Germany
Phone : +49 (0) 93 83 203-351
Fax: +49 (0) 93 83 203-629
E-mail: bodensysteme@mero.de
Internet: www.mero.de

12.13/Earthquake resistance - Floor systems for office areas
Subject to technical changes without prior notice