



Tomas Gustavsson, structural engineer, Lund Sweden  
licentiate of engineering

### **Education:**

- University of Lund, structural engineering, M Sc 1982
- licentiate of engineering (50% of PhD) , 2002

### **Occupation:**

- Small consultant bureau (1,5 employees) for structural engineering and building physics
- Part time employment at the University of Lund, Department of structural engineering 1996-2007

## **Research fields:**

- Load-bearing masonry
- Renovation of brick masonry facades due to corroding reinforcement
- Renovation of concrete constructions
- Interaction between architecture and construction
- Sustainable building

# Publications:

- **Modern masonry**  
about contemporary  
masonry building



- **Modern brick details**  
detailing in buildings



- **Rehabilitation of brick facades**  
about problems due to corrosion in  
reinforcement and anchorage to building  
structure



## **Structural engineering projects as consulting engineer:**

- Structural calculations and drawings
- Building physics for new and old buildings, heat insulation for reducing energy consumption, moisture problems, air tightness
- Research and development projects for the masonry industry
- Renovation av brick and concrete facades
- Sustainable building







Flats belonging to a tenant owners' association, Malmö

Built in 1973

