

*ÉVA MESTER*

FORMS OF DETERIORATION AFFECTING FIN DE  
SIÈCLE PERIOD STAINED GLASS WINDOWS IN THE  
CARPATHIAN BASIN. PROBLEMS RELATED TO THEIR  
PRESERVATION AND RESTORATION. RESTORATION  
IN THEORY AND PRACTICE

**Summary**

In my thesis I look at the special techniques used to make stained glass windows in the Carpathian Basin in the fin de siècle period and the types of damage these stained glass windows are prone to. Backed by thirty years of professional experience and research I attempt to explain the problems occurring during the preservation and restoration of these works of art. To meet current international standards, in the last part of the paper I discuss the restoration process - works restored being used for illustration. My choice fell on this era due to the fact that it is a period which has been unexplored so far. Restoration methods that suit stained glass windows from this period are taught only at very few universities, in spite of the fact that their restoration is becoming increasingly more urgent. The thesis is intended mainly for university students, people working in conservation and restoration and architects who would like to know more about the theory and practice of stained glass window restoration.

## THESES

1. Dedication, the object of the study (educational, practical application)
2. Introducing the research subject and methods used
3. Methodology, points of reference
4. The history of glass in building – a brief historical overview of glass, technology, glass painting and glass mosaic
5. Glass painting in the Carpathian Basin I
  5. 1. Iconography, techniques, use of materials
  5. 2. Characteristic forms of deterioration of glass paintings
  5. 3. The preservation and restoration of glass paintings and stained glass windows
6. Acid-etched glass, historical overview techniques, acid-etching methods, materials and techniques
7. Hungarian glass painting in the 19th century – schools and artists
8. Case studies: stained glass windows, glass painting
  8. 1. General restoration problems of art deco glass windows.  
Restoration of the glass windows of the Liszt Ferenc Music Academy in Budapest.
  - 8.2. The restoration of the stained glass windows of the chapel of Lipótmező with reference to the Venice charter
9. Documenting restoration
  - 9.1. Glass mosaic – Patrona Hungarie, restoration of the mosaic composition on the façade (Miksa Róth, 1906)  
Restored by Mária Brutyó, Éva Mester and Erika Verba
  - 9.2. The preservation of plaster-mounted glass paintings (Jenő Haranghy, 1928)  
Restored by Mária Brutyó, Éva Mester and Zoltán Takács
10. Restoration of building glass  
Restoration of 17th-19th century Venetian type mirrors  
Restored by Petronella Kovács and Éva Mester