

Minimum Requirements

- IBM PC (or 100% compatible)
- Microsoft Windows 95/NT
- 486 PC, 66 MHz processor
- 16 MB RAM
- 20 MB of hard drive space
- CD-ROM drive
- Mouse
- Video card capable of displaying 256 colours

Designed and Developed by:

Evan Soukoreff
Wood Drying Group



Forintek Canada Corp. is a national wood products research and development institute, funded through a partnership arrangement with industry and governments. The industry is directly involved in the planning and monitoring of Forintek's work program. Technology is developed and transferred through the partnership.

Facilities are located in:

Vancouver, British Columbia
(Corporate office & western laboratory)
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Sainte-Foy, Quebec (eastern laboratory)
Tel: (418) 659-2647

Edmonton, Alberta (regional office)
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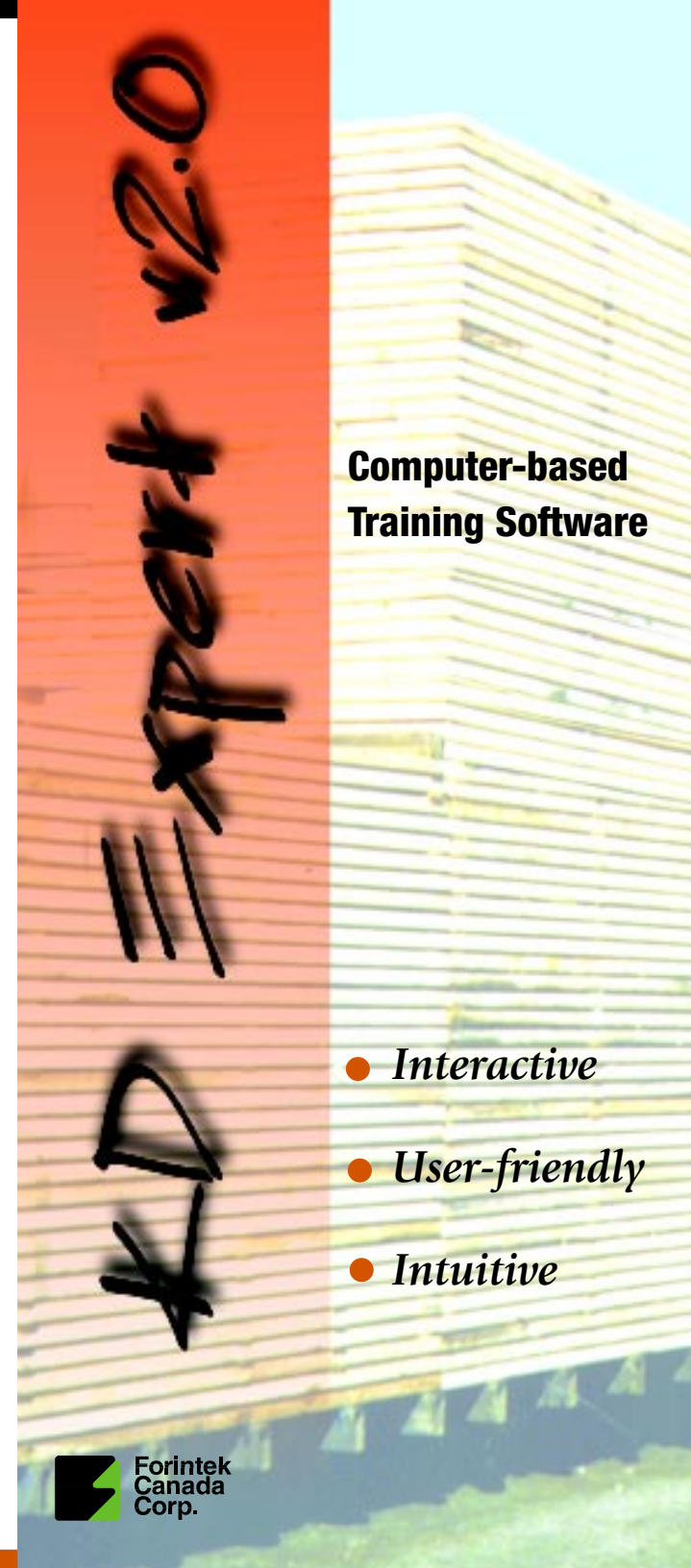
Ottawa, Ontario (Fire Research Group)
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Contact Information

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Computer-based Training Software

- *Interactive*
- *User-friendly*
- *Intuitive*



During the early 90's, Forintek Canada Corp. developed a computer-based drying operator training software called KD Expert. Over 100 copies of the DOS-based program have been sold to Forintek members.

A new Windows 95/NT version of KD Expert has been under development since the summer of 1997 and now incorporates much of the material from Forintek's successful Lumber Drying Correspondence course and the Kiln Drying Manual for Western Canada.

Outline of Topics Covered

Subject areas covered in KD Expert v2.0 include a full range of topics required to understand how to dry lumber.

Subjects Include:

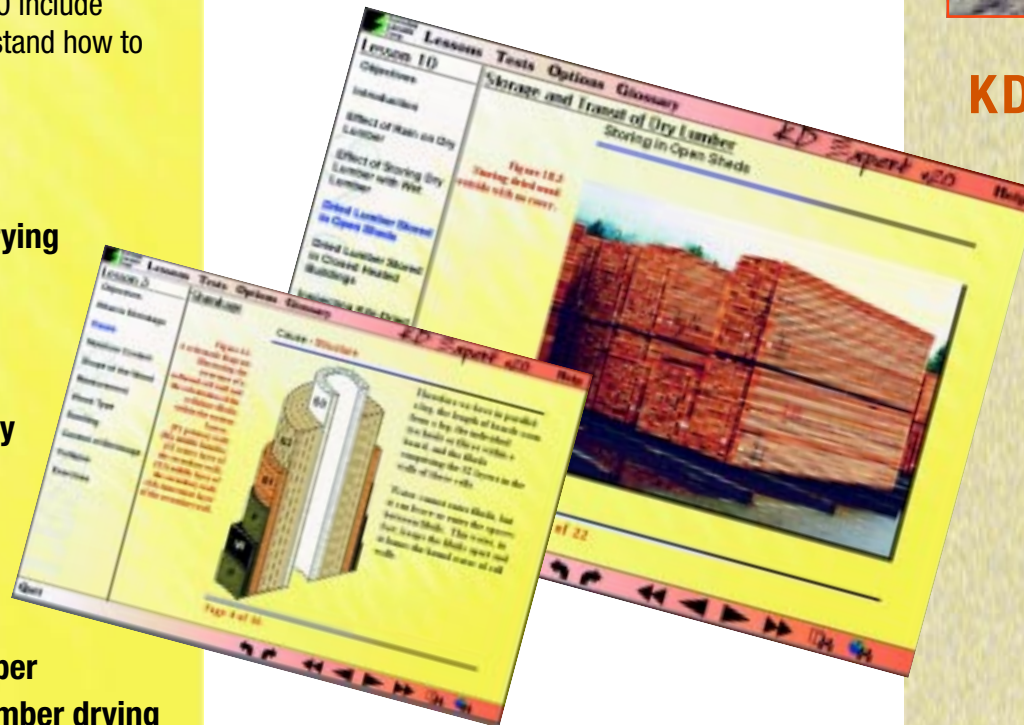
- Concepts and terms used in drying
- Moisture in wood
- Shrinkage in wood
- Drying stresses and degrade
- Heat, temperature and humidity
- The drying process
- Air circulation
- Kilns
- Kiln drying schedules
- Storage and transit of dry lumber
- Statistical quality control in lumber drying

Test Sections

Most of the lessons have individual tests in which users can monitor their own progress. At the end of each test section, a 'report card' is available where users can view their personal test results and compare with previous tests.

Multiple Users

KD Expert v2.0 is designed to allow several users to build on their knowledge and to keep their test results and progress separate from others. Each user can develop their drying skills at their own pace.



KD Expert v2.0 can be used to train or upgrade skills of kiln operators and personnel involved with quality control



KD Expert v2.0...

- ... is interactive;*
- ... is user-friendly with a graphical interface;*
- ... has high-quality digital pictures;*
- ... includes comprehensive glossary and keyword search functions.*