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# [the AMBICO news]

L I M I T E D

Winter 2007 — Vol. 5.2

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## AMBICO'S MISSION

AMBICO Limited is dedicated to client service through a carefully selected network of manufacturer's representatives and independent distributors across North America and throughout the world. At all times, AMBICO Limited strives to address the special needs of its customers.

# AMBICO: Not Your Ordinary Wood Door Company...

AMBICO's origins in the mid-1950's, were strongly based on the manufacture and supply of a standard wood door product. A mushrooming wood door market, the onslaught of wholesale outlets and big-box stores particularly home builder suppliers and hardware mega-stores, sent AMBICO on another path in manufacturing "openings" for the construction industry. It became evident that a family-owned, modest-sized, manufacturer could not compete with the "big-boys" who were rolling doors off their assembly-lines by the thousands and selling them at discounted prices through popular home hardware outlets.



When one door closes another opens. How appropriate! AMBICO identified a growing market for "specialized" door and door frame products – openings that were not, literally, run of the mill – openings that met rigid specifications and were required for very specialized and prestigious projects world-wide. AMBICO recognized this demand and switched gears. Today, AMBICO designs, engineers and fabricates the industry's highest performing WOOD ACOUSTIC DOORS and WOOD BULLET RESISTANT DOORS. The rest is history and is the story behind a successful, world renowned and specialized door, frame and window manufacturer.

## Two Types of Door Products

AMBICO wood acoustic doors achieve the highest STC ratings in the industry, i.e. STC 51. As well, these products can be fire rated in accordance with UL10C, current positive pressure standards. Please click on [www.ambico.com/products/w\\_acoustic.asp](http://www.ambico.com/products/w_acoustic.asp) for further detailed information on this product.

More... 

## AMBICO: NOT YOUR ORDINARY WOOD DOOR COMPANY... (CONTINUED)

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AMBICO bullet resistant wood doors offer protection for firearms ranging from hand guns to high powered military assault rifles, i.e. UL752 Levels I through VIII. Please click on [www.ambico.com/products/w\\_bullet.asp](http://www.ambico.com/products/w_bullet.asp) for further detailed information on this product.

### Two Sides to the Story

There are two sides to any wood door, in particular, a performance rated door product: in the manufacture of the door core, the IN side, and, in an entirely separate process, the fabrication of the wood covering of the door, the OUT side. Each plays an important role in the production of a door that will meet the rigid specifications of architects and engineers.

There are numerous steps in the

well-researched, painstakingly developed and thoroughly tested processes involved in the manufacture of the door core, and, in an entirely separate process, the fabrication of the outer, wood covering of the door.

The final product results from a carefully engineered process where the two "sides" to the story are combined to produce the desired finished product.

### The Core of the Matter

The Research and Development Division of AMBICO has spent many years developing and testing the components which, in the correct configurations, result in steel door or wood door and frame products attaining a required performance standard. AMBICO door and frame products have successfully met or exceeded rigorous standards and have been consistently and successfully tested at leading independent laboratories.

Core structures are proprietary. Suffice it to say that the R&D Team at AMBICO has developed steel door or wood and frame products which have performed incredibly in a number of product areas:

- n Acoustics and sound attenuation
- n Radiation resistance
- n Bullet resistance
- n Fire resistance

### Don't Judge a Door by its Cover

For years, AMBICO has prided itself in the production of beautiful door and frame products which give the appearance of custom, decorative, and architecturally exquisite entry systems - yet conceal the fact that in the door world, they meet the highest standards required for sound attenuation, or security (bullet and blast resistance), or safety (fire codes). In many instances one wood door may combine two or more of these characteristics.

Recently, AMBICO has been developing polyurethane coverings, veneers and stain/paint finishes that are revolutionizing the door industry.

[More...](#)



18/12/2006

As viewed through the window of the paint booth, an AMBICO painter applies a custom stain finish to a number of doors.



21/12/2006

Finished doors being prepared for shipping

## AMBICO: NOT YOUR ORDINARY WOOD DOOR COMPANY... (CONTINUED)

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Every door is given personal attention by well-trained professionals in the art of wood finishing.

AMBICO coatings meet the performance requirements of the TR-6 level classification. 40-unit gloss topcoat is considered standard and is carried in stock.

### Veneers

Almost any veneer species desired is available, including oak, mahogany, cherry, maple and birch. These veneers can be further customized through ranges of shading from very light to very dark, and even further by actual grain orientation.

The only limitation to the use of veneers is the availability of sheets no larger than 4' x 8'. AMBICO does not manufacture stain grade wood doors with seams in the veneers -- over time, seams in the veneers have not proved visually satisfactory for the client.

Paint grade finishes allow for wood doors larger than 4' x 8' and these leafs can be seamed if necessary.

### Stain Matching

The client's existing décor is not compromised as AMBICO has developed stain matching to the client's specifications, with infinite choices available.

### Coating

The core for the door and the pre-finished door veneers are assembled through a sophisticated coating process.

Staining is completed once the desired color has been attained - the door covering is then prepared for a clear-coat application

(one of the highest level coatings offered in architectural woodwork). This requires several coats and through the use of a process developed in house, the doors are coated seamlessly and free from imperfections. AMBICO recommends factory pre-applied hardware and glazing.

The following grid demonstrates the wide range of choices available in a sampling of veneer options, simply by varying the pigment of the stain n

	CLEAR	LIGHT	MEDIUM
BIRCH			
CHERRY			
MAPLE			
OAK			
WALNUT			



**ATTENTION ALL  
ARCHITECTS ATTENDING  
AIA CONVENTION &  
EXPO 2007**

AMBICO will be presenting the AIA/CES approved continuing education course: "Specialized Steel Doors and Frames" in our booth #16179. Be sure to stop by and earn Learning Units toward annual architectural accreditation

**WHERE WE'RE GOING IN 2007 ...**

American Institute of Architects – AIA – San Antonio, TX – May 3 to 5  
– Henry B. Gonzalez Convention Center

Door & Hardware Institute – Nashville, TN – Oct 15 to 20 – Gaylord  
Opryland Hotel

If you think that it would be worthwhile for AMBICO plan personnel or representatives to attend a trade show, please send us information at: [specialized@ambico.com](mailto:specialized@ambico.com) We would be pleased to take a look!

**UNSUBSCRIBE INFORMATION**

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**CONTACT US**

**Ambico Limited**

1120 Cummings Avenue Ottawa, ON Canada K1J 7R8  
Telephone: 613-746-4663 • Toll Free Phone: 1-888-423-2224  
Fax: 613-746-4721 • Toll Free Fax: 1-800-465-8561  
E-mail: [specialized@ambico.com](mailto:specialized@ambico.com) • Web site: [www.ambico.com](http://www.ambico.com)