

'Quality is a Race ... There is no Finish'
 Motivational Poster -- AMBICO Limited



It can be argued that in the past year, more than at any other time in history, the world has been preoccupied with "security" and "safety". These issues consume a broad spectrum, encompassing the individual, worried citizen, to an entire nation, a continent of nations and, with the ever-present threat of nuclear aggression, the entire planet.

Individuals, companies, governments - all are concerned with safe-guarding of human life - and all are concerned with the security of home, buildings, companies, industries, countries, the air that we breathe, the water we drink - virtually, everyone and everything. Although these concerns appear to be more obvious after the events of September 11/01, the pursuit of security and safe-keeping has been all-consuming for centuries. The evidence of the focus on home security

through past millennia is found everywhere: castles; drawbridges; moats; fortresses; walls -- all attest to the primary issue for communities throughout time: protection and security.

Since the inception of AMBICO Limited in 1955, our firm has been in the forefront of one particular niche of this safety and security industry: the manufacture of doors and frames which are designed to protect human life on the one hand, and the surrounding area, (the environment), on the other. This quest for performance rated doors and frames (i.e.. blast resistant; bullet resistant; lead lined; acoustic and fire rated) has been driven by AMBICO's mission to design and manufacture the highest quality products in the market place. As a well known motivational poster notes, in the quest for quality, there is no finish line. - AMBICO has always pursued quality and will always strive to be a few good steps ahead of the competition.

BLAST RESISTANT DOORS & FRAMES ♦

The words "blast resistant" often suggest explosions and elicit images of bombings, war scenes and destruction. In fact, blast resistant doors and frames are designed and manufactured for a myriad of commercial applications, all with the common goal to provide security and safety for human life as well as the surrounding environment. AMBICO Limited has engineered and fabricated blast resistant products for the following:



- chemical laboratories
- petrochemical facilities
- paint storage facilities (see **"The AMBICO Solution"** in this issue)
- jet propulsion test facilities
- nuclear facilities
- fireworks manufacturers
- space travel test facilities
- cargo areas
- rubber manufacturing facilities
- sewage treatment facilities
- storage of dangerous materials (other than listed above)

In the spring of this year, AMBICO Limited proudly announced that its door and frame assemblies had passed the most stringent of tests for blast resistance: dynamic testing (see "**Research & Development**" this issue). Although successful tests had previously been carried out on AMBICO products under "static" conditions, the successful completion of "dynamic tests" has placed AMBICO's blast resistant door and frame products in a class by themselves.

AMBICO Limited believes that a door and its frame must be constructed and tested *as an assembly*, to provide a total package which will perform in accordance with its designated rating. We define an assembly as a door, door frame, glazing where required, as well as hinging and latching architectural door hardware. In this respect, blast resistant doors and frames manufactured by AMBICO Limited are unique from all other similar products. This is an important measure of the quality of these AMBICO products.

AMBICO Blast Resistant Doors & Frames:
<http://www.ambico.com/products/blast.asp>

BULLET RESISTANT DOORS AND FRAMES

As we have noted above, when describing blast resistant products, AMBICO Limited is in a "league of its own" conscientiously manufacturing door and frame assemblies which are bullet resistant - *as an entire unit* - and are of the highest quality available in today's marketplace.

AMBICO manufactures bullet resistant door and frame assemblies at every level of bullet resistance, from Level 1 through Level 8 (the highest performance rating assigned.) Completed installations include:

- police stations - public areas
- federal police agencies' facilities
- banks
- ER areas in hospitals, planned parenthood clinics, other employee high risk areas
- detention facilities
- currency storage facilities
- court houses

AMBICO Limited is now responding to the latest trend in home and business security: "safe rooms" (see article, "**A Chain Is Only As Strong As Its Weakest Link**", this issue). Recessed panel, stainless steel, bullet resistant doors and frames have the ability to insinuate themselves into the residential, interior décor, while ensuring that the bullet resistance of a "safe room" is not compromised because of the door and frame product installed.

AMBICO Bullet Resistant Doors & Frames:
http://www.ambico.com/products/s_bullet.asp

LEAD LINED DOORS & FRAMES

AMBICO Limited's lead lined doors and frames are an example of safety and security where they provide protection to those on the outside of an installation from the dangers found on the inside ♦

Typical uses for lead lined doors and frames include:

- hospitals & clinics (X-Ray; CT Scan; etc)
- aeronautic manufacturing (parts manufacturing)

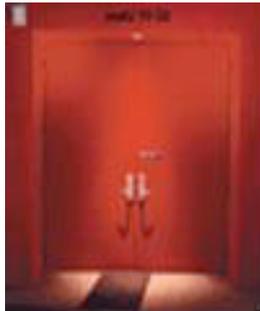
AMBICO Limited manufactures lead lined doors and frames that are fire rated to the industry standards required by a project.

AMBICO Lead Lined Doors & Frames:

http://www.ambico.com/products/s_lead.asp

ACOUSTIC WOOD & STEEL DOORS & FRAMES

Acoustic Sidelite and Borrowed Lite Frames/Windows



Most often the use of acoustic door and frame products is geared to what is commonly referred to as "sound proofing": preventing unacceptable levels of sound (or noise) from penetrating an area (i.e. a broadcasting studio), or from leaving an area (i.e. a band practice facility). However, the prevention of sound transmission is a major concern in the provision of security to areas for use by governments, the military, police, and similar agencies. AMBICO is dedicated to the manufacture of door and frame assemblies which provide the STC ratings required by each individual project. An improperly installed door and frame unit or a door installed in a non-rated frame, cannot perform to the STC rating that is required and will compromise the acoustic security of the facility. Similarly, STC rated window units are manufactured and supplied with acoustic glazing.

AMBICO acoustic assemblies include acoustic glazing to be factory pre-installed. Our light-weight doors are easy to install and make use of readily available architectural door hardware.

Typical installations requiring acoustic security include:

- government offices
- police interview rooms
- corporate board rooms
- military/defense facilities
- medical offices

AMBICO Limited manufactures wood and steel acoustic doors and frames as well as sliding doors and frames. Swing doors can be positive pressure fire rated to 90 minutes.

AMBICO Acoustic Steel Doors & Frames:

http://www.ambico.com/products/s_acoustic.asp

AMBICO Acoustic Wood Doors & Frames:

http://www.ambico.com/products/w_acoustic.asp

DETENTION DOORS & FRAMES

AMBICO detention doors and frames are designed to withstand the punishing abuse of the prison environment. They combine the appearance of standard hollow doors and frames with the toughest engineering criteria in the industry. AMBICO detention products comply fully with NAAMM/HMMA Standard #863, the leading specification in the industry. As well, doors and frames are designed in compliance with UL 752 "Standard for Bullet Resistance".

They are able to withstand fire for up to three hours duration in accordance with current UL standards.

AMBICO detention doors can be supplied with factory pre-installed gun ports, glazing, louvers, speaking devices and food pass-throughs.

AMBICO specializes in small runs (less than 100 units) of detention doors and frames. Lead times for these products are the best in the industry.

AMBICO Detention Doors & Frames:

<http://www.ambico.com/products/detention.asp>

WHAT SETS AMBICO APART FROM OTHER MANUFACTURERS

In all instances discussed in this newsletter, AMBICO LIMITED can supply glazing and hardware factory pre-installed. No other door manufacturer offers this service.

All AMBICO door and frame products are of the highest quality, perform to the highest levels required and tested, and can be designed and manufactured to meet the demands of the most discerning architects and engineers. Meanwhile, with each project, the goal is not only to maintain the high standards already attained, but to exceed them with each and every product.

The pursuit of quality continues at AMBICO Limited ♦