



# NFRC's International Partner Program Offers Turnkey Solution for Countries Seeking Improved Energy Efficiency

For more than 20 years, the National Fenestration Rating Council (NFRC) has administered a nationally-recognized rating and labeling program for determining the energy performance of windows, doors, skylights, and curtain wall systems. Now firmly entrenched as the domestic leader, NFRC is exporting its expertise to international countries seeking improved energy performance from fenestration products. This fact sheet explains the benefits of being an NFRC International Partner.

## Are NFRC's Programs Proven Effective?

Yes. NFRC has more than 20 years of experience in developing fenestration product energy standards and certification programs. Today, NFRC standards are exclusively referenced by all major national commercial and residential building energy standards. NFRC standards are also exclusively referenced by above code programs such as ENERGY STAR and USGBC's LEED program.

## Why Should We Adopt NFRC's Programs?

NFRC's programs provide a turnkey solution. By adopting our existing programs rather than developing their own, international countries can save many years of research and development and related costs. Additionally, adopting NFRC's established programs will lead to international harmonization impacting international trade favorably for the US and any partnered country.

## Is NFRC Recognized in any International Communities?

NFRC has two licensees: Australia and South Africa. NFRC is assisting these countries in developing the technology to rate fenestration products in a fair, uniform, and accurate manner.

## Is there NFRC activity in other International Communities?

Yes. NFRC has been working to license China and India and has made inroads in Jordan, the United Arab Emirates, and Kuwait. NFRC has provided seminars in the Philippines and is active in APEC (Asia-Pacific Economic Cooperation)

comprised of 21 countries including Japan, Indonesia, Singapore, Korea, and many more. On the horizon are ASEAN (the Association of Southeast Asian Nations) and Brazil.

## Partnering for Success

NFRC is the only energy code referenced, independent rating program for the energy performance of fenestration products. More than 90 percent of the U.S. residential fenestration market use NFRC's ratings resulting in significant energy savings.

International energy consumption is expected to increase 50 percent by 2030. Buildings consume one quarter of all energy making significant improvements in global building energy efficiency essential.

By partnering with NFRC, countries all over the world can implement independent programs for building envelope rating, standardization, and certification. These programs can serve the industry and the world by providing authentic, accurate, and unbiased testing performance results on glazing products.

NFRC views facilitating worldwide proliferation of its independent rating program for fenestration products as a responsibility, and it strives to export this program as a turnkey solution to all interested countries.

## Supporting Our International Licensees and Partners

### 1. Provides Member Status and Benefits, including:

- ★ Vote -- Influence how the NFRC rating and labeling system works. Only members may vote for the NFRC Board of Directors, on issues and documents at the subcommittee and committee levels, or be elected to leadership positions
- ★ Information -- newsletters, bulletins, blogs
- ★ Reduced fees -- for documents, meeting registration, and program participation
- ★ Website access -- membership community
- ★ Access to industry expertise and best practices through networking opportunities

### 2. Provides Program Support

- ★ Documents for Laboratory Accreditation Program (LAP)
- ★ Documents for Certification Agency Program (CAP)
- ★ Documents for Product Certification Program (PCP)
- ★ Train the trainer for LAP, CAP
- ★ Licensing documents
- ★ NFRC Staff/Administrative assistance

### 3. NEW - CMA Program Participation

NFRC has created a new program that is very effective for those markets where fenestration products are built or assembled on-site. This Component Modeling Approach (CMA) Program utilizes individual window component performance (frames, spacers, glazing) and combines them in a virtual environment to provide overall product performance indices.

International Partners can have free access to this exciting new software program. In addition, NFRC is investigating other opportunities with international partners to determine how best to utilize this new program

Please be sure and contact NFRC for additional information about CMA.

The image shows a white NFRC Energy Performance Rating label affixed to a window. The label includes the NFRC logo, 'World's Best Window Co.', 'Millennium 2000+ Vinyl-Clad Wood Frame Double Glazing - Argon Fill - Low E', and 'Product Type: Vertical Slider'. It lists Energy Performance Ratings: U-Factor (U.S./I-P) 0.35 and Solar Heat Gain Coefficient 0.32. It also lists Additional Performance Ratings: Visible Transmittance 0.51 and Air Leakage (U.S./I-P) 0.2. A disclaimer at the bottom states: 'Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining window product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. Consult manufacturer's literature for other product performance information. www.nfrc.org'

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.35	0.32
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
0.51	0.2

**NFRC administers an independent, uniform rating and labeling system for the energy performance of fenestration products, including windows, curtain walls, doors, and skylights.**

**For more information on NFRC, please visit our Website at [www.nfrc.org](http://www.nfrc.org) or contact NFRC directly at 301.589.1776.**