



# Fast, Furious and Fire-rated

*Located in Charlotte, North Carolina, the NASCAR Hall of Fame is a destination for the 75 million who call themselves fans of this fast-paced sport. With over 150,000 square feet, the entertainment attraction boasts artifacts, interactive exhibits, a 278-seat theatre, and the NASCAR Hall of Honor along with a restaurant, a retail outlet and a broadcast studio. The facility opened in May 2010.*

Designed by Pei Cobb Freed & Partners, the NASCAR Hall of Fame captures the exciting spirit of America's most popular spectator sport. Among its attractions is a 278-seat theatre with a 64-foot curved projection screen for showing bigger-than-life NASCAR films. With thousands of visitors expected each month, designers needed to meet strict fire codes, which required a wide array of fire-rated openings, including some 45-minute, 8-foot pairs.

The architects sought Steamed European Beech frames to complement the doors and other interior millwork. For that, they turned to Contact Industries and Florida-based Walker Brothers Millwork. Contact manufactured the frames by wrapping thin veneer to a fire-rated frame system. North Carolina-based Forest Millwork then installed the frames for the 19 openings quickly, using the frames' patented clip installation system.

Easy to install, certified fire-rated wood door frames – State-of the art technology for a state-of-the-art facility.



NASCAR Hall of Fame  
Charlotte, North Carolina



# PROJECT PROFILE

## PROJECT: NASCAR Hall of Fame, Charlotte, North Carolina

Client: Walker Brothers Millwork and Forest Millwork, Inc.

Details: New Construction: 150,000 square foot museum with artifact displays, interactive exhibits and a state-of-the-art 278-seat theatre. Operated by Charlotte Regional Visitors Authority. \$160 million construction cost. 19 fire-rated (certified 45 minutes) wood door frames in European beech.

## PRODUCT: Fire-rated wood door frames

Construction: 45-minute certified door frame system with Steamed European Beech veneer wrap.

Finish: Factory-applied UV-cured, no-VOC clear topcoat

Adhesive: Type 1 Hot Melt

Test procedures: Boil Test

End use: 45-minute Fire-rated openings, including some 8-foot pairs

Substrate: Patented design frame system incorporating intumescent

Face veneer: Steamed European beech



### Custom wrapped components from Contact Industries

Innovations in veneer-wrapping technology allow Contact to creatively engineer products that combine the look of real wood with the performance attributes of other materials. The following materials are available when custom-engineering a component with Contact:

**Substrate:** Virtually any material, including finger jointed softwood, LVL, MDF, aluminum and PVC. Substrates are extruded or edge-glued and profiled prior to wrapping. Variety of treatment options available for wood substrates.

**Veneer:** Any wood species, including oak, cherry, maple, fir, alder and a wide variety of exotics. In addition to real wood veneers, Contact also wraps exterior-rated film, and printed or infused papers. Veneers are fleece-backed. Standard thickness is .014 inches.

**Finish:** Prefinishing available with stain and/or topcoat per customer's specifications.

**Size:** Profiles may be up to 10 inches wide and up to 18 feet long. Larger profiles can be engineered on request.

Many of our products were created in response to a customer request. Have an idea in mind? Call us at 800-547-1038.



Contact Industries is Forest Stewardship Council Chain of Custody Certified SCS-COC-001260



Contact Industries  
9200 SE Sunnybrook Blvd., Suite 200  
Clackamas, OR 97015  
800-547-1038  
Fax 503-221-1340  
www.contactind.com

