Door Task Group Notes 9-23-13

S. Jasperson, chair, called meeting to order 9:02 am PT

Agenda –
Component Modeling of Side Hinged Door Systems – Jeff Baker presented a power point. Discussion after presentation included:

- Windows are still matrix of whole product simulations. Separating work for doors. Slab mfrs work on the slab, lite suppliers do glass, etc.
- Door slab modeling – full door – no change. Adding models for slab cut out. (1/4, ½, ¾, full)
- Door lite – Generic door slabs for edges. Initial modeling indicates changes to U-factor for this method would be out to 4th decimal place. Therefore, using this method shouldn’t change the overall U-factor. Can add other door slab materials as needed. Default PU core material is being used – good value. Want to develop default for EPS core material. Use new default based on proprietary EPS values. EPS value in 101 is not used by anyone.
- Might be able to take Residential Component based modeling for door lights as well. Could help streamline process for modeling door lites.
- Need Business rules for calculation tool.
- Need library formats – Door slab supplier and door lite supplier submits data, goes to IA, data gets pre-approved and dumped into database. Then pre-hangers get to pick and choose which options they want. Information gets stored on NFRC server and access is given to the sim labs. Single library for everyone could get huge but identifying door lite suppliers in that DB could help make it smaller.
- Suggestion brought up on re-working the entire door section in 100 in order to standardize and explain all rules. Predicated on assumptions that are using 6-panel door.
- What do we do with wood doors? Currently forced into 6 panel door or they can do 400+ different door configurations. Will have to write rules for wood doors, it may work for them but it needs to be looked at.
- What about automatic/commercial doors? Figure out how to fit them in or exclude them from this and make another calculation method.
- Fully glazed doors with one panel at the bottom. Sliding doors with one panel at the bottom. Decisions on how to handle all of these options.
- Palace Panels need to be looked at as well. Panels that are glazed into the door like door lites.
- Develop a timeline for the implementation.

CPD improvements – What additional information do the Door TG members want to see added to the CPD final search, etc.

Meeting adjourned 9:49