

## Fire Resistance Testing Report Summary

Intertek, an independent third-party certification organization, evaluated ARXX ICF forms to determine conformance to the following fire resistance standards:

- ASTM-E119                    ■ UL-263
- CAN/ULC-S101            ■ UBC-7-1-94
- NFPA-251

Tests were conducted on ARXX ICF wall assemblies containing concrete and reinforcement, to conclude if they achieved a 4-hour maximum fire resistance rating (FRR), as an interior or exterior load-bearing wall:

	Form Concrete Core Width	Maximum Fire Resistance Rating	Intertek - Warnock Hersey Wall Assembly Design Number
<b>ARXX Edge</b>	4", 5"	2 Hour	AR/ICF 240-01
	6"	4 Hour	
	8" and greater	4 Hour	
<b>ARXX Prime</b>	4"	2 Hour	AR/ICF 240-02
	6"	4 Hour	
	8" and greater	4 Hour	
<b>ARXX Steel</b>	6"	4 Hour	AR/ICF 240-03
	8"	4 Hour	

The certified wall assemblies are listed on the Intertek web site. Follow this link and search for the FRR wall assembly design number listed in the table above. <http://etlwhidirectory.etlsemko.com/WebClients/ITS/DLP/products.nsf>



As part of the evaluation and certification process, Intertek is required to conduct ongoing plant inspections to confirm that the materials and manufacturing of ARXX ICF forms meet the quality control standards, as required by the FRR of the tested wall assembly. The FRR reports for each product specify a minimum concrete psi, reinforcement specifications and 1/2" (12.7mm) regular gypsum board attachment, as part of the wall assembly. The Warnock Hersey mark, North America's leading product safety and performance mark for building and construction projects, is found on the label of every bundle of ARXX ICF forms.

### ICC Product Evaluation

The ARXX ICC-ES product evaluations for Prime, Edge and Steel recognize the products compliance with ASTM E119 and the fire resistance ratings, as per the table above. These reports also recognize the ARXX ICFs as applicable for Type I, II and III construction.