

SafeCore®

**Ultra lightweight
Cores for
Interior Wood Fire Doors**



45, 60, 90 Minute Ratings



Tests and certificates



Skamol A/S - ISO 9001:2000 certificate



NCM Core A/S - DS/EN ISO 9001:2000 certificate

SafeCore Product Performance

The following tests were performed on January 18 - 28, 2005 at Intertek Testing Services, Middleton, Wisconsin, and reported on Intertek test report 3069975, on January 31, 2005. All tests exceed minimum performance requirements for WDMA "Extra Heavy Duty" designation.

Test Method	Test	SafeCore	WDMA "Extra Heavy Duty Min."
NWWDA TM-5	Split Resistance	551 lbs	No requirement in standard
NWWDA TM-8	Hinge Loading	726 lbs	550 lbs
NWWDA TM-10	Stile Screwholding	1010 lbs	550 lbs
NWWDA TM-10	Face Screwholding with Blocking	838 lbs	700 lbs

The following test was performed at the Skamol Technology Center, Sejerslev, Denmark.

Test Method	Test	SafeCore	WDMA "Extra Heavy Duty Min."
NWWDA TM-7	Cycle Slam	2,000,000+	1,000,000

SafeCore®

Lightweight Fire Door Core

Warnock Hersey - ITS Certification

Approved according to

**NFPA 252 (1995) - ASTM E152-81a UL 10(c) (1998) - CSFM 43.7 UBC 7-2 (1997)
UBC 7-2 (1994) - UL 10(b) (1997) - CAN 4 S104 (1958)**



Facts

- * Ultra lightweight
- * Utilizes Skamol 19 lb/cu. ft. mineral core
- * The construction reduces stress on hinge stile

Benefits

- * Strong and durable construction
- * Very low temperature rise during fire
- * SafeBlock inner blocking available to secure surface hardware with screws
- * Approved for use with most listed fire door hardware

Excellent concept in Fire Doors for interior use

SafeCore is a lightweight concept in fire door technology for interior use. Stiles and rails are bonded to the Skamotec core material made of calcium silicate, which secures a stronger door construction. The product meets neutral and positive pressure category A and B.

SafeCore is sanded to exacting tolerances, and is glue sized for superior door skin to core bond.

Decorative finish

The doors can be processed to customer requirements, including wood edge species such as Red Oak, Douglas Fir, White and Natural Maple or other wood species available as required to match face veneer.

Approvals and weight

Type	Thickness	Weight	Singles up to	Pairs up to
45 Minutes Rating	38.1 mm	13 kg/m ²	48" x 96"	96" x 96"
60 Minutes Rating	38.1 mm	13 kg/m ²	48" x 96"	96" x 96"
90 Minutes Rating	38.1 mm	14 kg/m ²	48" x 96"	96" x 96"