



National Slate Association  
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May 3, 2016

*This Cover Letter Must Be Included With Any Distribution Of The Five Page ANSI/UL790 (ASTM E108) Report Attached, And Is Considered Part Of The Report By The National Slate Association. The Report (Including The Cover Letter) Must Be Reproduced In Full. No Partial Reproduction or Distribution Is Permitted Without The Written Approval Of The National Slate Association.*

*When referencing the report, please use the following citation:  
National Slate Association/National Roofing Contractors Association, ANSI/UL790 (ASTM E108) Test Report, Project No: 10CA23622, Poultney, VT, July 8, 2010 (available at [www.slateassociation.org](http://www.slateassociation.org)).*

*ANSI/UL790 (ASTM E108) Test Report Project Number 10CA23622 dated July 8, 2010 is distributed by the National Slate Association for reference where the resistance to fire is a consideration in the selection of roof coverings.*

*The testing was conducted by Underwriters Laboratories of Northbrook, Illinois under contract to the National Roofing Contractors Association and in co-operation with the National Slate Association. Testing was undertaken to independently re-establish the ability of North American produced, S-1 rated roofing slate to meet the requirements of a Class A fire rated roof system under current IBC codes. A test panel was assembled with a representative range of slate colors from National Slate Association quarry members from the United States and Canada. The test panel was constructed to meet the requirements of Section 6 of ASTM E108 Standard Test Methods for Fire Tests of Roof Coverings.*

*Under the required Intermittent Flame Test and Burning Brand Test conducted by Underwriters Laboratories, 1/4" thick, S-1 rated, North American produced roofing slate met the requirements of a Fire Class A roof covering when laid over ASTM D226 underlayment on a combustible roof deck.*

*For questions related to this test report, please contact the National Slate Association toll free at 866-256-2111 or email [mail@slateassociation.org](mailto:mail@slateassociation.org).*



Department 3019FPD Instrument Calibration Tracking

Data current at 10:52:45 on 2010-07-08

Procedure - UL790

File No.: R20610 Assignment No.: 10CA23622  
Client : NRCA Test No.: 2

Instrument      Last cal      Next cal      Verification date/time  
Verified by

Test apparatus (fire) was calibrated on 2010-07-08

Test apparatus (wind) was calibrated on 2010-07-08

Instruments used during test apparatus calibration:

97F04DAS / 21095	2010-05-04	2011-05-31	2010-07-08 07:06:55	auto
15FE5AVM / 20303	2010-02-19	2011-02-28	2010-07-08 07:04:39	auto
16F01IC / 21096	2010-05-04	2011-05-31	2010-07-08 07:06:55	auto
83F01CLK / 20562	2010-05-04	2011-05-31	2010-07-08 07:04:39	auto
91F04CLK / 31457	2010-05-04	2011-05-31	2010-07-08 07:06:55	auto
0221080001 / 57135	2008-02-25	2010-02-28	<No Value> <No Value>	auto
190F07MD / 45863	2010-07-06	2011-07-31	2010-07-08 07:06:56	auto
199F08MD / 45792	2009-10-08	2010-10-31	2010-07-08 07:06:56	auto
97F04DAS / 21095	2010-05-04	2011-05-31	2010-07-08 07:06:55	auto
91F04CLK / 31457	2010-05-04	2011-05-31	2010-07-08 07:06:55	auto

Test was conducted on 2010-07-08.

Instruments used during test operation:

83F01CLK / 20562	2010-05-04	2011-05-31	2010-07-08 10:09:54	auto
51F99SCL / 21857	2010-03-17	2011-03-31	2010-07-08 10:09:54	auto
190F07MD / 45863	2010-07-06	2011-07-31	2010-07-08 10:09:54	auto
199F08MD / 45792	2009-10-08	2010-10-31	2010-07-08 10:09:54	auto

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Department 3019FPD Instrument Calibration Tracking

Data current at 09:52:23 on 2010-07-08

Procedure - UL790

File No.: R20610 Assignment No.: 10CA23622

Client : NRCA Test No.: 1

Instrument      Last cal      Next cal      Verification date/time  
Verified by

Test apparatus (fire) was calibrated on 2010-07-08

Test apparatus (wind) was calibrated on 2010-07-08

Instruments used during test apparatus calibration:

97F04DAS / 21095	2010-05-04	2011-05-31	2010-07-08	07:06:55	auto
15FE5AVM / 20303	2010-02-19	2011-02-28	2010-07-08	07:04:39	auto
16F01IC / 21096	2010-05-04	2011-05-31	2010-07-08	07:06:55	auto
83F01CLK / 20562	2010-05-04	2011-05-31	2010-07-08	07:04:39	auto
91F04CLK / 31457	2010-05-04	2011-05-31	2010-07-08	07:06:55	auto
0221080001 / 57135	2008-02-25	2010-02-28	<No Value>	<No Value>	auto
190F07MD / 45863	2010-07-06	2011-07-31	2010-07-08	07:06:56	auto
199F08MD / 45792	2009-10-08	2010-10-31	2010-07-08	07:06:56	auto
97F04DAS / 21095	2010-05-04	2011-05-31	2010-07-08	07:06:55	auto
16F01IC / 21096	2010-05-04	2011-05-31	2010-07-08	07:06:55	auto
91F04CLK / 31457	2010-05-04	2011-05-31	2010-07-08	07:06:55	auto
0221080001 / 57135	2008-02-25	2010-02-28	<No Value>	<No Value>	auto
190F07MD / 45863	2010-07-06	2011-07-31	2010-07-08	07:06:56	auto
199F08MD / 45792	2009-10-08	2010-10-31	2010-07-08	07:06:56	auto

Test was conducted on 2010-07-08.

Instruments used during test operation:

83F01CLK / 20562	2010-05-04	2011-05-31	2010-07-08	08:53:32	auto
91F04CLK / 31457	2010-05-04	2011-05-31	2010-07-08	08:53:32	auto
190F07MD / 45863	2010-07-06	2011-07-31	2010-07-08	08:53:32	auto
199F08MD / 45792	2009-10-08	2010-10-31	2010-07-08	08:53:32	auto

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