

Fire Test Report

Approval office for construction
products

Structural Testing Office

Fire Engineering Department

Date: Business sign:

2018 Feb 15

115-1.15.1-45/10

Approval Number:

T-18-18990

Applicant:

Contruss engineering company

4500 Cote-des-Neiges Rd, Westmount,

QC H3V 1E6, Montreal, Canada

Subject of approval:

Ignitability test report of Contruss permanent filler

The above-mentioned approval subject is hereby ignitability test report. This test report comprises 4 pages.



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The conclusions of ignitability test on samples of flame retardant expanded polystyrene foam

| | | |
|--|-------------------------------------|--|
| Sample name: Contruss permanent filler core made of flame retardant expanded polystyrene foam | Average thickness (mm): 60.9 | Average density (kg/m³): 6.4 |
|--|-------------------------------------|--|

| | |
|---|-------------------------------|
| Sampling method | Sent by the applicant |
| Description of sub-layer | Without sub-layer |
| Deviation of test procedure | - |
| Description point of applied flame | Edge flame |
| Duration of applied flame | According to the attachment A |

| | |
|---------------------|---|
| Observations | 1- The ignition: No 2- Reaching top of flame up to 150 mm over point of applied flame: No 3- The ignition of filter paper: No 4- Physical behavior of sample: contracted, melted |
|---------------------|---|

Concluding:

- The sample is a flame retardant type.

Attention:

- The test conclusions are derived based on the behavior of sample under specified test conditions, that should not be considered as the only criterion for evaluating of possible danger subjected to fire in real conditions.
- The total conclusions presented in this report are related to the samples received from the applicant and the product or a special production line is not considered, meanwhile it will be generalized to the product.

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Identity certificate of test

| | | |
|---|---|---|
| Sample code: S-FB-95-2105 | Case number of technical approval: N-17-17740 | Sample receipt date: 2018 Feb 5 |
| Sample name: Expanded Polystyrene(EPS) foam | Requested test: fire(ignitability) | Financial approval date: 2018 Feb 10 |
| Client name: Contruss engineering company | Standard and test method: standard ISO11925-2 | Test implementation date: 2018 Feb 15 |
| Client address and phone: Contruss engineering company 4500 Cote-des-Neiges Rd, Westmount, QC H3V 1E6, Montreal, Canada Phone number: (+1) 514 2246328 | | |
| Environmental conditions within the laboratory: Relative humidity: 26% Temperature: 18.3°C | | |
| Description of samples: Contruss permanent filler core made of flame retardant expanded polystyrene foam | | |
| Test method in summary: The ignitability test with Single-flame source is implemented according to standard ISO11925-2 in which, samples are evaluated and classified subjected to a small flame source in vertical orientation. | | |
| It is certified that the requested test/tests on sample/samples was implemented according to the mentioned test method and following inclusions are derived: Test conclusions: in the attachment | | |
| Deviation of test procedure: - | | |

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- The total conclusions presented in this report are related to the samples received from the applicant and the product or a special production line is not considered, meanwhile it will be generalized to the product.
- Any duplication of this report for presentation must be complete (two pages containing a questionnaire and a test report page); duplicating of some pages or some parts of the report is not allowed without written permission of the Center.