International Cellulose Corp.
12315 Robin Boulevard
Houston, TX 77245

Attn: Steven A. Kempe
(713) 433-6701 Ext. 4706

RESEARCH REPORT: RR 24311
(CSI # 07210)
Expires: June 01, 2024
Issued Date: June 01, 2022
Code: 2017 LABC

GENERAL APPROVAL – Renewal – International Cellulose Corporation's K-13 and Celbar Spray-On Insulations, K-13 "F.C." Finish Ceiling and Loose-Fill Insulations, Ure-K Thermal Barrier and Sound Rated Wall Assemblies.

DETAILS

International Cellulose Corporation's K-13 and Celbar Spray-On Insulations, K-13 "F.C." Finish Ceiling Insulation, Loose Fill Insulation and Ure-K Thermal Barrier are approved as combustible materials. Based upon their flame-spread index, they are classified as Class I materials. Their surface burning classification ratings in accordance with ASTM E84 are as follows:

Definition	Flame Spread	Smoke Density	Thickness In Inches
K-13 Spray-On	15	0	4 max.
Celbar Spray-On	15	0	4 max.
K-13 "F.C." Finish Ceiling	15	0	½
Celbar Loose-Fill (K-19)	15	25	1¼ max.
Ure-K Thermal Barrier	10	0	1 min.

The above products are approved with the following conditions:

1. The materials shall be delivered to jobsites in containers identified by the manufacturer's name and product designation. In addition, the loose-fill material containers shall indicate the flame spread rating of the insulation and its conformance to Federal Specification HH-I-515D.

2. The products shall be considered combustible.

3. Applications of the materials shall be in accordance with the manufacturer's instructions not inconsistent with the descriptions and requirements herein.

4. No material may be installed within 8 feet of floor unless protected.

5. Approved urethane foam plastic, to which Ure-K Thermal Barrier is spray applied, shall comply with Section 2603 of the 2014 Los Angeles Building Code.

The following wall assemblies described below and shown on the attached pages are approved for the Sound Transmission Class (STC) ratings listed below:

1. Partition consisting of 2 x 4-inch wood studs 16 inches on center staggered 8 inches on center on 2 by 6 inches top and bottom wood plates with one layer ⅝-inch gypsum wallboard on each side with 1½ inches of Celbar Spray-On Insulation applied in the stud cavities. STC 58.

2. Partition consisting of 2 x 4-inch wood studs 16 inches on center staggered 8 inches on center on separate 2 x 4-inch top and bottom wood plates with one inch separation. Faced with one layer ⅝-inch gypsum wallboard on one side and one layer ½-inch gypsum wallboard on the other side with 1½ inches Celbar Spray-On Insulation applied in the stud cavities. STC 56.

3. Partition consisting of 2 x 4-inch wood studs 16 inches on center with one layer ½-inch gypsum wallboard on each side with 3½ inches of Celbar Spray-on Insulation applied in stud cavities. STC 51.

4. Partition consisting of 2 x 4-inch wood studs 16 inches on center staggered 8 inches on center on separate 2 x 4-inch top and bottom wood plates with one inch separation. Faced with one layer ½-inch gypsum wallboard on each side with one inch thickness of Celbar Spray-on Insulation applied on the inside face of the wallboard and around the studs in that row. STC 50.

5. Nonbearing 2½-inch steel stud partition consisting of one layer ⅝-inch gypsum wallboard on each side with 1½ inches of Celbar Spray-On Insulation applied in the stud cavities. STC 51.

6. Nonbearing 3½-inch steel stud partition consisting of one layer ⅝-inch gypsum wallboard on each side with 1½ inches of Celbar Spray-On Insulation applied in the stud cavities. STC 51.

DISCUSSION

The report is in compliance with 2017 Los Angeles Building Code.

The approval is based on tests.

The Department accepts loose-fill cellulosic insulation without a formal approval as long as the material is indicated as conforming to the applicable federal specification and flame spread rating of 25 or less.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

EUGENE BARBEAU, Chief
Engineering Research Section
201 N. Figueroa St., Room 880
Los Angeles, CA 90012
Phone: 213-202-9812
Email: engineering-research@lacity.org

EB
RR24311
TLB2200083
R06/10/2022
2603

Attachment: Details (6 pages)