



Section 09530
Celbar RL Two Hour Fire and Sound Wall Material
Specification Guide 1/10

PART 1 - GENERAL

1.01 Section Includes

- A. Sprayed cellulose Fire rated spray material.

1.02 Submittals

- A. Submit product data and manufacturer's certificate that the product meets or exceeds specified requirements.
B. Manufacturer's written certification that product contains no asbestos, fiberglass or other man-made mineral fibers, and free of ammonium based additives.
C. Copy of manufacturer's ISO 9001:2008 Certification.

1.04 Quality Assurance

- A. Manufacturer must be ISO 9001:2008 Certification.
B. Manufacturer must subscribe to independent laboratory follow-up inspection services of Underwriters Laboratories. Each bag shall be labeled accordingly.
C. Installer regularly engaged, for past 1 year, in installation of cellulose insulation of similar type to that specified.
D. Employ persons trained for installation of cellulose insulation.

1.05 Delivery, Storage and Handling

- A. Deliver in original, unopened containers bearing name of manufacturer, product identification and reference to U.L. testing.
B. Store materials dry, off ground, and under cover.

PART 2 - PRODUCTS

2.01 Acceptable Manufacturers

- A. International Cellulose Corporation
12315 Robin Boulevard
Houston, Texas 77045
(713) 610-4719 or (800) 444-1252
FAX: (713) 610-4759



Professionally installed by:

12315 ROBIN BLVD.
HOUSTON, TX 77045
Office: (800) 444-1252 or (713) 610-4719
Fax: (713) 433-2029
E-mail: icc@spray-on.com
www.celbar.com

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2.02 Materials

- A. Celbar RL
1. The sprayed fire rated material must have been tested in sprayed form by U.L. and have each bag labeled with the reference to U.L. test results according to ASTM E-84/U.L. 723:
 - a. Tested at a minimum of 4" thickness, Class 1 (A)
 - b. Flame Spread: 15
 - c. Smoke Developed: 0
 2. Sprayed Fire Rated Material must have been tested by U.L. and listed in the design assembly specified.
 3. Complies with ASTM C-1149 type II

PART 3 - EXECUTION

3.01 Preparation

- A. Provide masking, drop cloths or other satisfactory coverings for materials/surfaces that are not to receive Celbar RL to prevent damage from over-spray.
B. Coordinate installation of the sprayed cellulose fiber with work of other trades.

3.02 Installation

- A. Install spray applied Celbar RL according to manufacturer's recommendations.
B. Install Celbar RL as per U.L. design # _____.
C. Apply material with specially designed nozzle using pressure recommended by the manufacturer.
D. Cure insulation with continuous natural or mechanical ventilation.
E. Remove and dispose of over-spray.

3.03 Protection

- A. Protect finished Celbar RL under provisions of Division



Fire & Sound Attenuating Material

One, Two, and Three Hour
UL Rated Firewall Assemblies



- Fast, Efficient Installation
- Exceptional STCs of 56, 61 and 64
- International Network of licensed applicators
- Superior Load Capacity up to 1,414 Pounds per Stud





STC Ratings



Celweb



STC 56 RAL™ TL09-233
2"x4" wood stud staggered 16" O.C. , on two parallel wood base plates 2"x4" spaced one inch apart. One layer (on each side) of 5/8 gypsum board installed horizontally or vertically , nailed or screwed.



STC 61
2"x4" wood stud staggered 16" O.C. , on two parallel wood base plates 2"x4" spaced one inch apart. One layer on one side and two layers on the other side, of 5/8 gypsum board installed horizontally or vertically , nailed or screwed.



STC 64
2"x4" wood stud staggered 16" O.C. , on two parallel wood base plates 2"x4" spaced one inch apart. two layers (on each side) of 5/8 gypsum board installed horizontally or vertically , nailed or screwed.

The above two hour fire wall assemblies can be built with 2"x6" wood studs , instead of 2"x4" studs

Sound control, fire safety

The new Celbar RL system leads the industry with our new one to three hour fire and sound rated assemblies. One of the most outstanding features is the record setting weight load design, which is 1415 pounds per stud. These wall assemblies can be constructed using 2X4 inch or 2X6 inch wood studs. We are proudest of the sound test results that these three assemblies received. They were a STC of 56 with one layer of gypsum board on each side, to the highest tested STC of 64.

Architects, contractors and code officials will find this system affordable, able to meet and exceed all code requirements for fire and sound control, and easy to install. We have hundreds of licensed applicators nation and worldwide that have been trained to install our products.

● Celbar has the highest level of recycled content in the insulation industry - up to 80%. Cellulose insulation is made with recycled paper, paper that might otherwise end up in a landfill. Fiberglass has a maximum of 40% recycled content and foam products little or none.

Celweb™ is designed to be used in conjunction with Celbar WallSpray®. Celweb provides a backing for wall assemblies in which the drywall has not yet been constructed, allowing for the application of Celbar WallSpray. Celweb is ideal for knee walls, cathedral ceilings and sound walls. Celweb speeds installation and eliminates the downtime of waiting for drywall contractors. Celweb also prevents interruption of drywall contractors and allows Celbar contractors to work their own schedule.



Celweb is stapled in between studs of wall frame.



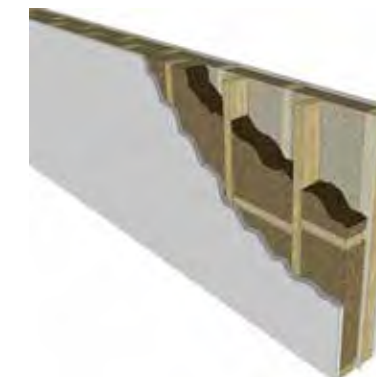
Celbar and Celbar RL can be sprayed into the wall cavity on both sides before dry wall is installed.



Not needing to install drywall before spraying both sides of the wall cavity saves on costs and time of construction.



Drywall installation after spraying Celbar



Drywall is constructed after spraying, speeding the overall construction process.



A Complete wall with Celbar WallSpray using Celweb

Celbar RL cellulose insulation is eligible for use in the UL Design Nos.

Wood Studs

U023, U032, U036, U040, U305, U309, U311, U317, U321, U326, U330, U331, U333, U338, U339, U340, U341, U342, U344, U354, U355, U356, U395, U403, U410, U411, U412, U420, U425, U426, U428, U429, U434, U435, U436, U438, U440, U460, U462, U463, U465, U466, U467, U470, U471, U477, U478, U495, U498, U499, U528, U622, U646, U647, U648, U651

Metal Studs

V401, V410,
V414, V415,
V416, V421,
V455

Celbar RL and Celbar is manufactured using all natural ingredients including, 80% recycled paper, natural adhesives, and natural fire resistant compounds making Celbar RL extremely effective against fire and sound control. Celbar RL qualifies for LEED and other green friendly projects.

Please go to [www. Celbar.com](http://www.Celbar.com) to down load specifications and information on installers nation wide or call 800-444-1252 x4719.

