



DATE ISSUED 5/11/2016

ADDENDUM # 2

ENGINEER Engineering Technologies, Inc.
825 M Street, Suite 200
Lincoln, NE 68508

PROJECT FES VAV UPGRADE

ETI PROJECT # 2014-174

The Engineer issues this Addendum to all known bidders before receipt of proposals. Bidder shall acknowledge the receipt of this addendum on their proposal sheet and all information contained herein shall become a part of the contract documents.

ADDENDUM:

PRIOR APPROVALS - MECHANICAL

- 1. The following manufacturers have received prior approval for bidding purposes subject to shop drawing review:
A. List Equipment Here VARIABLE VOLUME BOXES (VAV) DIFFUSERS, REGISTERS, AND GRILLES
List Manufacturer Here NAILOR NAILOR

GENERAL ITEMS

- 1. For Basement, First Floor, Second Floor, Third Floor and Fifth Floor the contractor shall be required to remove ceiling as required for installation of new VAV boxes and associated piping. Ceiling may be left out for a maximum period of two days to allow contractor to install VAV boxes, piping and insulation. Due to security and acoustical reasons, the Fourth Floor shall be required to have the ceiling reinstalled by the beginning of each work day.
2. The contractor shall be required to replace any damaged ceiling tiles. The ceiling tile replacement shall match the existing ceiling tiles currently used. The currently used ceiling tile is the Armstrong Cirrus Square Lay-in and Tegular - 589, see attached for product data sheet.

CIRRUS®
CIRRUS® High NRC

Tegular
 medium texture



Cirrus® Beveled Tegular panels with Suprafine® 9/16" suspension system (Pgs. 287-288)



See more photos at:
armstrong.com/photogallery
 SEARCH: cirrus

Cirrus offers a medium-textured ceiling panel with excellent noise reduction and sound blocking for Total Acoustics™ performance in one product.

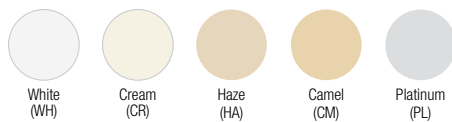
KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Refined visual
- Excellent combination of acoustical performance: NRC (up to 0.75) and CAC (35)
- High NRC items feature Articulation Class (170) helpful to control sound over wall partitions
- Ceiling-2-Ceiling™ post-consumer recycled content options. Items 589HRC, 539HRC, 584HRC, 535HRC. 71% pre-consumer; 15% post-consumer
- USDA Certified Biobased Product – 94%

TYPICAL APPLICATIONS

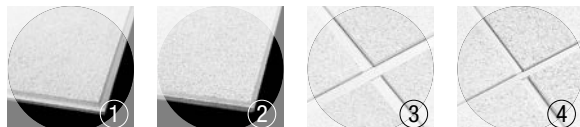
- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Conference rooms
- Lobbies
- Libraries/media centers
- Computer rooms

COLORS Due to printing limitations, shade may vary from actual product.



Items 584, 589 are available in colors. All other items are available in White only. Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

DETAILS (Other Suspension Systems compatible. Refer to listing on page 162.)



1. Cirrus Angled Tegular
2. Cirrus Beveled Tegular
3. Cirrus Angled Tegular with Prelude® 15/16" suspension system
4. Cirrus Beveled Tegular with Suprafine 9/16" suspension system

CIRRUS® CIRRUS® High NRC

Tegular
medium texture

USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 94%

CLOSED LOOP RECYCLED CONTENT
CEILING-2-CEILING®
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO **73%** RECYCLED CONTENT
LEED®

Calculate LEED contribution at
armstrong.com/greengenie

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- bio-based materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

- NRC
- CAC
- Light
- Fire
- Acoustics
- Water
- Paint
- Recycle

| Edge Profile | Susp. Dwg. Pgs. 295-299 armstrong.com/cattwgs | Item No. | Dimensions (Inches) | UL Classified Acoustics | | Total Acoustics ¹ | Articulation Class | Fire Rating | Light Reflect | Anti-Mold & Mildew | Sag Resist | Certified Low VOC Emissions | Durability | Recycled Content | Recycle Program | 30-Yr Warranty |
|------------------------|--|---|--|-------------------------|-----|------------------------------|--------------------|-------------|---------------|--------------------|------------|-----------------------------|------------|------------------|-----------------|----------------|
| | | | | NRC | CAC | | | | | | | | | | | |
| CIRRUS® Tegular | | | | | | | | | | | | | | | | |
| 9/16" Beveled Tegular | 29, 44, 48, 52, 56, 60 | 589 ♦♦ 589HRC 589M | 24 x 24 x 3/4" □ 24 x 24 x 3/4" □ 600 x 600 x 19mm | 0.70 | 35* | BETTER | 170 | Class A | 0.86** | • | • | • | Std | • | • | • |
| | | | | • | • | | • | | • | • | • | • | | • | • | • |
| | 29, 44, 48, 52, 56, 60 | 538 | 24 x 24 x 7/8" □ | 0.70 | 38 | BETTER | 170 | Class A | 0.86 | • | • | • | Std | • | • | • |
| | | | | • | • | | • | | • | • | • | • | | • | • | • |
| | 29, 44, 48, 52, 56, 60 | 577 | 24 x 24 x 3/4" □ | 0.35 | 35* | – | 170 | Fire Guard | 0.86 | • | • | • | Std | Std | • | • |
| | | | | • | • | | • | | • | • | • | • | | | • | • |
| | 29, 44, 48, 52, 56, 60 | 539 539HRC | 24 x 48 x 3/4" □ 24 x 48 x 3/4" □ | 0.70 | 35 | BETTER | 170 | Class A | 0.86 | • | Std | • | Std | • | • | 10-Yr |
| | | | | • | • | | • | | • | • | • | • | | • | • | • |
| | 29, 44, 48, 52, 56, 60 | FS FastSize™ Panels | W: 4" - 24" / L: 4" - 48" 3/4" thick | N/A | N/A | – | N/A | Class A | 0.86 | • | Std | • | Std | Std | • | 10-Yr |
| | | | | | | | | | • | • | • | • | | | • | • |
| CIRRUS Tegular | | | | | | | | | | | | | | | | |
| 15/16" Angled Tegular | 13 | 584 ♦♦ 584HRC 584M | 24 x 24 x 3/4" □ 24 x 24 x 3/4" □ 600 x 600 x 19mm | 0.70 | 35 | BETTER | N/A | Class A | 0.86 | • | • | • | Std | • | • | • |
| | | | | • | • | | | | • | • | • | • | | • | • | • |
| | 13 | 578 | 24 x 24 x 3/4" □ | 0.35 | 35 | – | N/A | Fire Guard | 0.86 | • | • | • | Std | Std | • | • |
| | | | | • | • | | | | • | • | • | • | | | • | • |
| | 13 | 534 | 24 x 24 x 7/8" □ | 0.70 | 38 | BETTER | N/A | Class A | 0.86 | • | • | • | Std | • | • | • |
| | | | | • | • | | | | • | • | • | • | | • | • | • |
| | 13 | 535 535HRC | 24 x 48 x 3/4" □ 24 x 48 x 3/4" □ | 0.70 | 35 | BETTER | N/A | Class A | 0.86 | • | Std | • | Std | • | • | 10-Yr |
| | | | | • | • | | | | • | • | • | • | | • | • | • |
| | 13 | FS FastSize™ Panels | W: 4" - 24" / L: 4" - 48" 3/4" thick | N/A | N/A | – | N/A | Class A | 0.86 | • | Std | • | Std | Std | • | 10-Yr |
| | | | | | | | | | • | • | • | • | | | • | • |

¹ Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **FS FastSize:** Factory-finished, made-to-order sizes, shipped fast (1 carton min.)
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
 ♦♦ Add 2-letter color suffix to item number when specifying or ordering (e.g., 589 C B).
 HRC items not available in FastSize or other sizes.

MINERAL FIBER