

Specification Sheet

Features & Benefits:

- Excellent sound absorption for speech privacy.
- Balances good acoustical performance with a variety of finish textures and colors.
- High R-value saves on yearly energy costs.
- Humidity resistant.
- Flexible and lightweight panels make installation fast and easy.
- Mat backing (encapsulation) available as an option.
- Completely painted edge available as an option.

See reverse for additional product specifications.

Applications:

- Open Plan Office Interiors
- Classrooms
- Libraries
- Museums
- Theaters
- Places of Worship
- Warehouses

Attributes:

ITEM NUMBER*	NOMINAL SIZE (Inches)	EDGE DETAIL	R-VALUE	NRC ¹	CAC ²	AC	LR ³	RECYCLED CONTENT %
SAFETONE® CLASS A								
1442	24 x 24 x 1	Trim, Reveal, Narrow Reveal	4.3	0.95	25	190	0.84	37-44
1440	24 x 48 x 1	Trim, Reveal, Narrow Reveal	4.3	0.95	25	190	0.84	37-44
1446	24 x 96 x 1	Trim	4.3	0.95	25	190	0.84	37-44
1444	48 x 48 x 1	Trim, Reveal, Narrow Reveal	4.3	0.95	25	190	0.84	37-44
1467 ⁴	20 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1462	24 x 24 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1460	24 x 48 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1461 ⁴	24 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1466	24 x 96 x 1-1/2	Trim	6.5	1.00	26	200	0.84	37-44
1463 ⁴	30 x 30 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1469 ⁴	30 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1464	48 x 48 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1465 ⁴	48 x 60 x 1-1/2	Trim	6.5	1.00	26	200	0.84	37-44
1470	60 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44
1492	24 x 24 x 3	Trim	13.6	1.05	30	210	0.84	37-44
1490	24 x 48 x 3	Trim	13.6	1.05	30	210	0.84	37-44

***Ordering Procedure:** To order preferences for edge details and finishes, select the item number above, then add the appropriate Edge Detail Code and Finish Code below. For foil backing add a F to the code. For perforation add P to the code.

Example:

Item Number	Edge Detail Code (Other than Trim)	Finish Code	Foil Backing
Select from chart	B Reveal (15/16") F Narrow Reveal (9/16")	White Elite Unperforated ELT-1 White Elite Perforated ELTP-1 White Nubby NBY-1 Black Nubby NBY-5	F represents Foil Backing (Leave blank for no foil backing)
Example: 1442	1442 B 1442 F	1442- ELT-1	1442-NBY- 1F 1442-NBY-1

White Elite and Black Nubby available in Trim Edge only. Items 1490 and 1492 available in White Elite only.

ASTM E 1264 Classification: **White Elite Finish:** Type XII, Form 1, Pattern C E (perforated), E (unperforated)
Nubby Finishes: Type XII, Form 2, Pattern E

¹ NRC values for White Nubby, Black Nubby, and White Elite *perforated*

² With optional foil backing

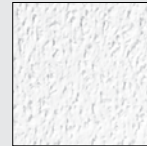
³ LR values for White Nubby only

⁴ Not available in Black Nubby (NBY-5)



Finishes:

LR=Light Reflectance



WHITE ELITE VINYL
ELT-1 (LR=0.82)

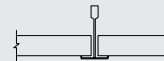


WHITE NUBBY
NBY-1 (LR=0.84)

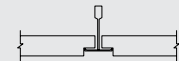


BLACK NUBBY
NBY-5 (LR=N/A)

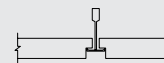
Edge Details:



TRIM EDGE
(Square) 1/4" Grid



REVEAL EDGE
1/4" Grid



NARROW REVEAL EDGE
1/4" Grid



Product Specification Details

Acoustical Ceilings

09 51 00

PART 2: PRODUCTS

2.1 GENERAL

Provide Acoustical Ceiling Material manufactured to meet requirements of this specification in accordance with ASTM E 1264.

2.2 MATERIALS

Acoustical Ceiling Units:

1. Type XII
2. Form [1] [2]
3. Pattern [C E] [E]
4. Fiberglass lay-in panel with fine textured, fabric, mat or vinyl finish [White Elite] [White Nubby] [Black Nubby]
5. Size [1"] [1-1/2"] [3"] x [20" x 60"] [24" x 24"] [24" x 48"] [24" x 60"] [24" x 96"] [30" x 30"] [30" x 60"] [48" x 48"] [48" x 60"] [60" x 60"]
6. Edge Detail [Trim (Square)] [Reveal Edge] [Narrow Reveal]
7. Noise Reduction Coefficient (NRC) [0.95] [1.00] [1.05]
8. Articulation Class (AC) [190] [200] [210]
9. Ceiling Attenuation Class (CAC) [25] [26] [30]
10. Light Reflectance Coefficient (LR) 0.84
11. Recycled Content 37-44
12. Color [White] [Black]
13. Flame Spread Classification (ASTM E 84, CAN/ULC-S102M) Class A
14. Manufacturer, subject to compliance with requirements of this specification, CertainTeed Ceilings
15. Product Name Open Plan™

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