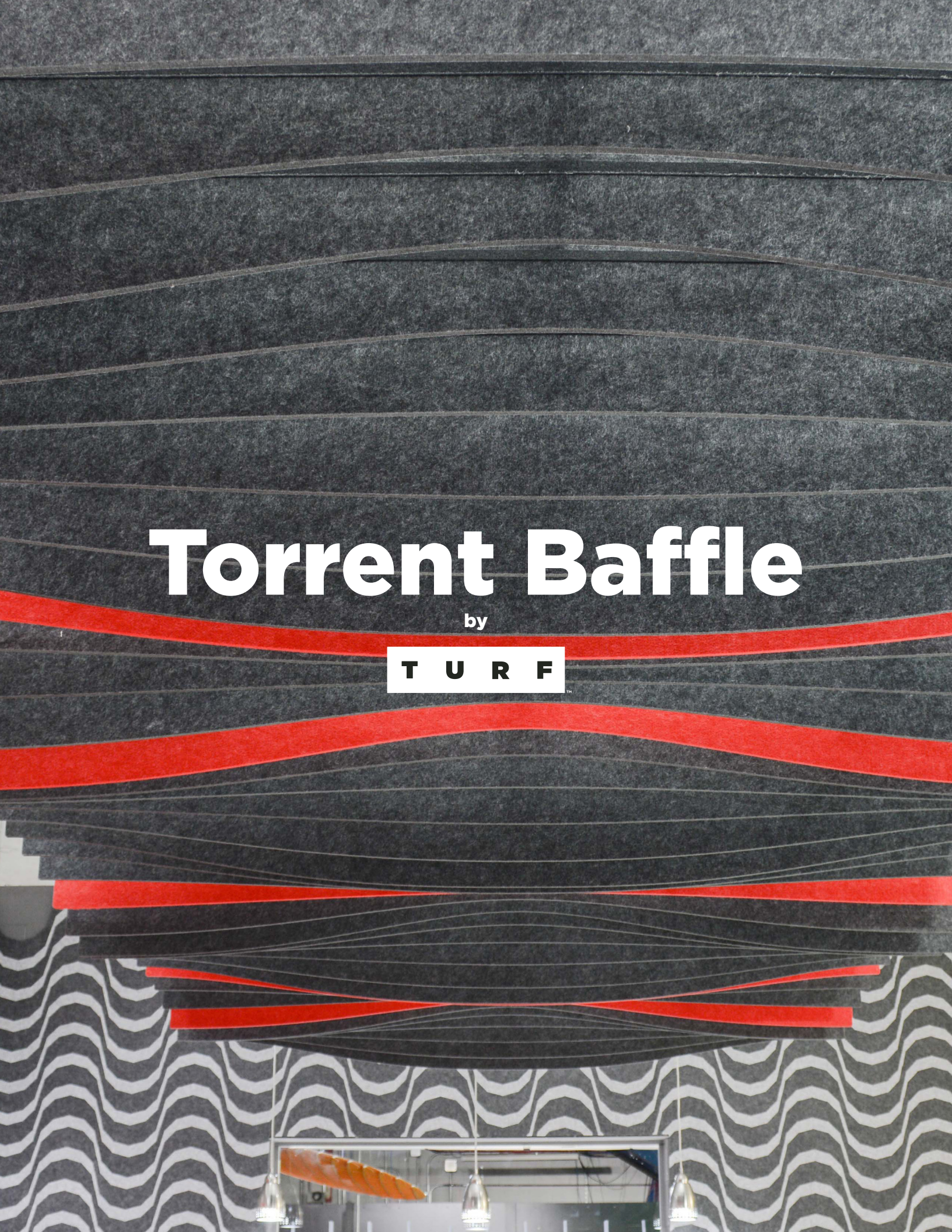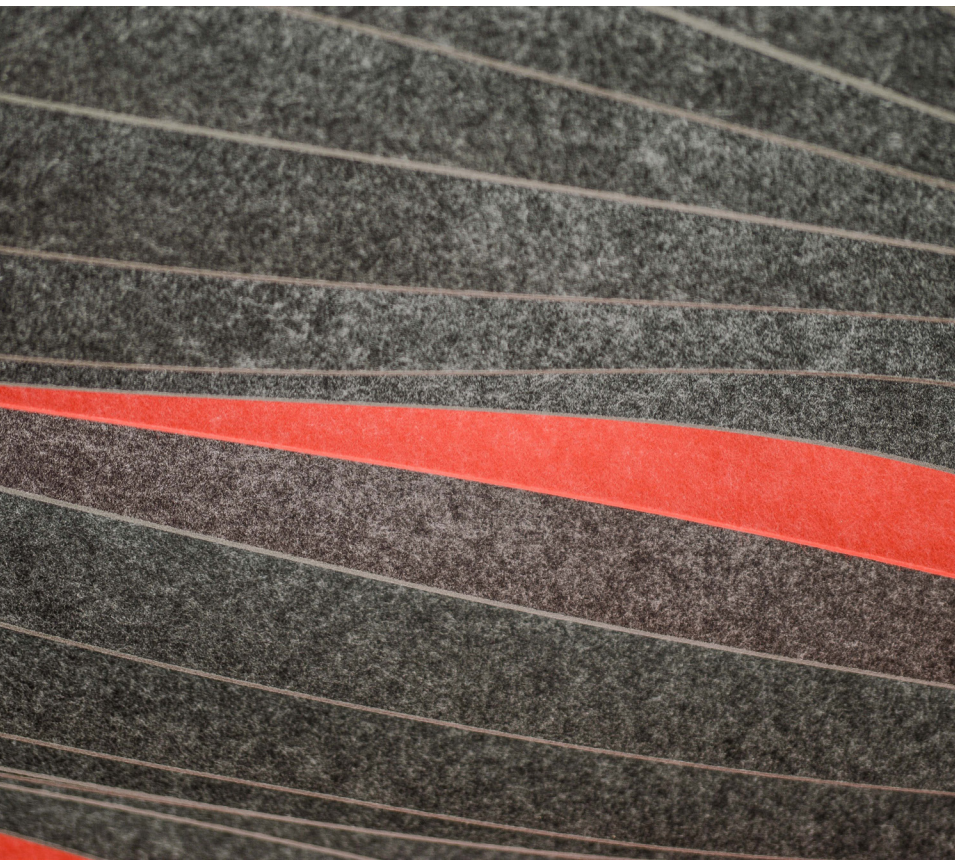# Torrent Baffle

by

TURF

Torrent Baffle

DYNAMIC & EASY-TO-INSTALL
The Torrent Baffle is one of the industry's most dynamic acoustic ceiling systems. Designed to work with standard unistrut hangers, Torrent Baffle installs in seconds to transform large volumes of space with flowing aesthetics and acoustic performance.

Assembly

DIAGRAM 1

When installed in sequence, the six unique
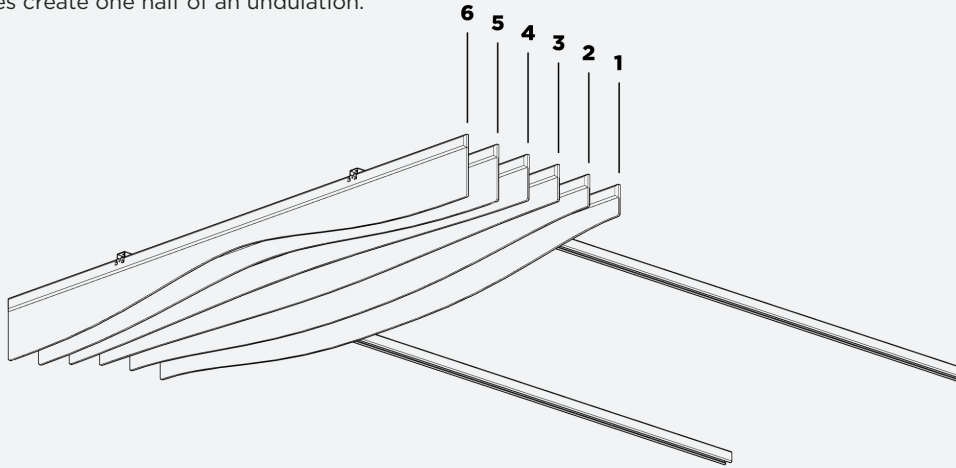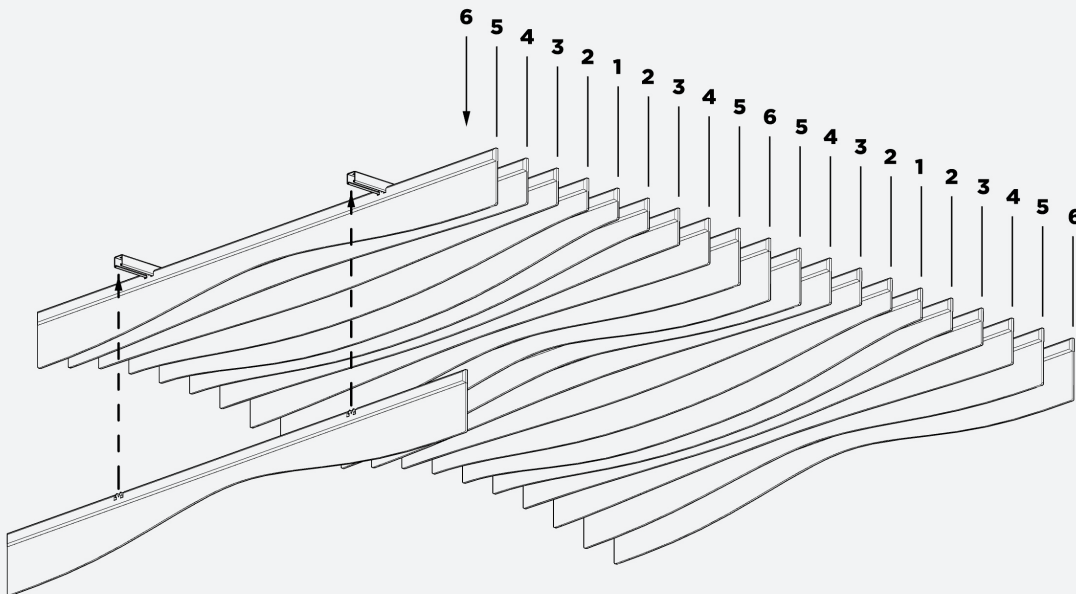Torrent Baffles create one half of an undulation.

6 5 4 3 2 1

DIAGRAM 2

When the sequence is mirrored [6, 5, 4, 3, 2 ,1, 2,
3, 4, 5, etc], the undulation is continued.

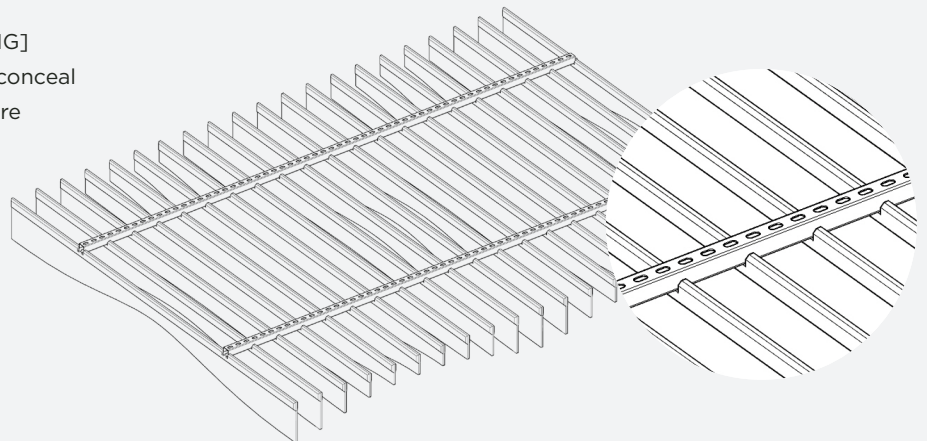6 5 4 3 2 1 2 3 4 5 6 5 4 3 2 1 2 3 4 5 6

Installation

DIAGRAM 3

With the included **6" spacers, a 10' assembly of baffles can be installed in minutes** with perfect spacing and no additional hardware or tools.
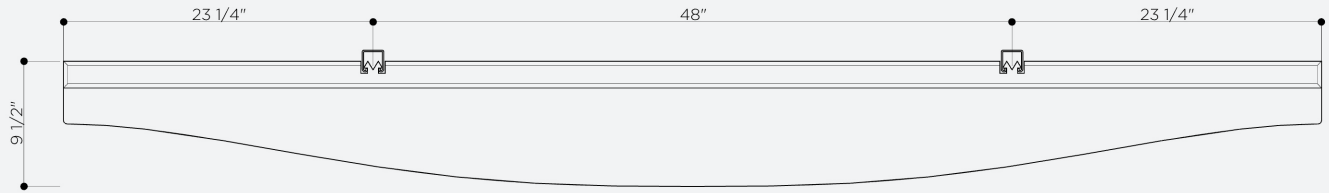

DIAGRAM 4

The unique Felt-Lock [PATENT PENDING] connector allows for the baffle to help conceal the UNISTRUT while also creating a more seamless aesthetic.
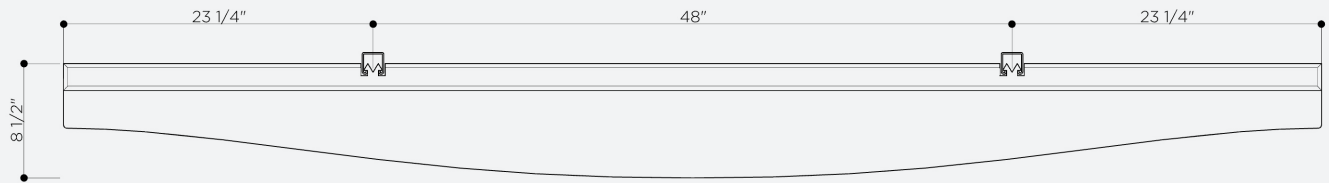
Baffles

The Torrent Baffle system is easy to install, simply specify the installation of UNISTRUT PT1000 on **4' centers and snap the baffles in position.**

BAFFLE 1

| 23 1/4" | 48" | 23 1/4" |

9 1/2"

BAFFLE 2

| 23 1/4" | 48" | 23 1/4" |

8 1/2"

BAFFLE 3

| 23 1/4" | 48" | 23 1/4" |

7"

BAFFLE 4

| 23 1/4" | 48" | 23 1/4" |

7"

Baffles (continued)

The Torrent Baffle system is easy to install, simply specify the installation of UNISTRUT PT1000 on **4' centers and snap the baffles in position.**
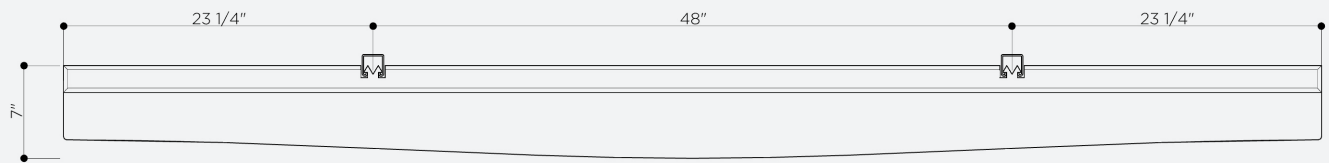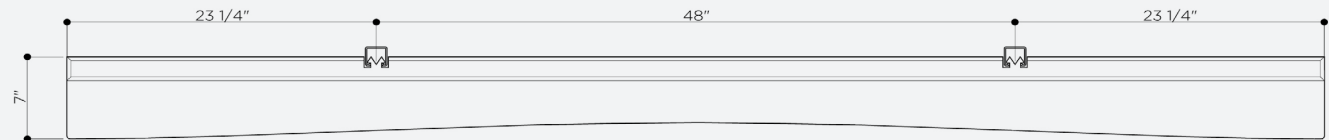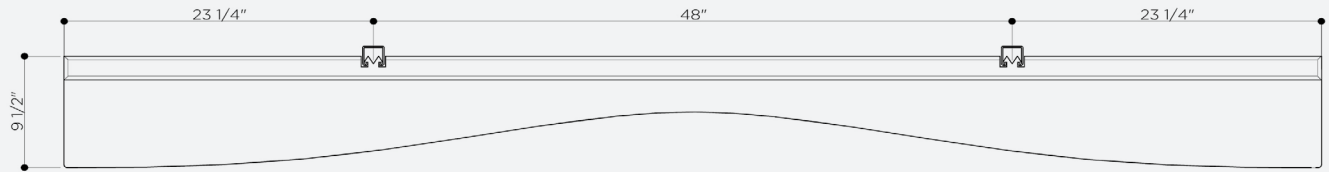
BAFFLE 5

23 1/4"   48"   23 1/4"

8 1/2"

BAFFLE 6

23 1/4"   48"   23 1/4"

9 1/2"

Specifications

|	
PRODUCT NAME	Torrent Baffle (patent pending)
CONTENT	99% Recycled Polyester Felt
FELT THICKNESS	9mm
PANEL THICKNESS	27mm
STANDARD SIZE	5"- 9.5"X 95"
MAXIMUM SIZE	9.5"X95"
EDGE OPTIONS	Exposed Felt
COMPONENTS	UNISTRUT P1000T Standard (supplied by installer)
DURABILITY	Contract
MAINTENANCE	Vacuum occasionally to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas or for large assemblies.
LEAD TIME	Shipped in 4 weeks.
ENVIRONMENTAL	9mm PET felt board is made from over 99% recycled polyester plastic, over 50% of which come from recycled water bottles. TURF is pursuing product transparency for LEED V4 MR Credit 4 Option 1, and MR Credit 3 Option 2 for recycled content. TURF is pursuing a Declare Label for this product.
VARIATION	PET Felt uses a traditional 'felting' process to create it's panels. This often results in a pleasing heathered' effect, where multiple tones are present in the fiber. Slight and consistent variations in color should be expected when using this sustainable material.
ACOUSTICS	ASTM C 423: NRC [500hz] = .76 NRC [1000hz] = 1.00
FIRE RATING	UL tested ASTM E-84: Class A

9MM Felt Colors
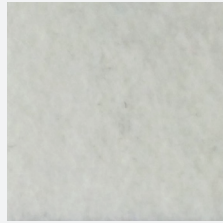
5 WHITE

1 CREAM

4 LIGHT GREY
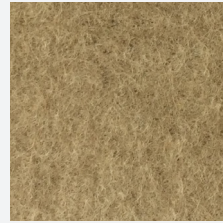
48 LIGHT BROWN

32 BROWN

38 MATTE GREY
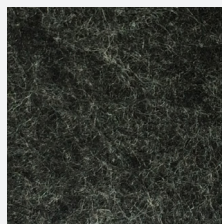
6 CHARCOAL
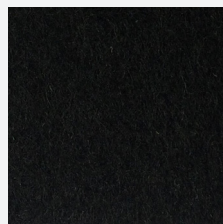
7 BLACK

45 YELLOW

20 MANGO

42 ORANGE

16 RED

39 LAVENDER
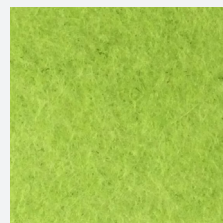
47 LIME

14 GREEN

25 LIGHT BLUE

29 DARK BLUE

Acoustic Testing (ASTM C 423)

FREQUENCY (Hz)	SOUND ABSORPTION COEFFICIENT
32	.03
40	.01
50	-.02
63	-.07
80	.06
100	.09
125	.12
160	.20
200	.24
250	.33
315	.45
400	.59
500	.76
630	.85
800	.89
1,000	1.00
1,250	1.06
1,600	1.06
2,000	.99
2,500	.89
3,150	.83
4,000	.94
5,000	1.04
6,300	1.00
8,000	1.05
10,000	1.07
12,500	1.07

SAA=0.76

NRC=0.75
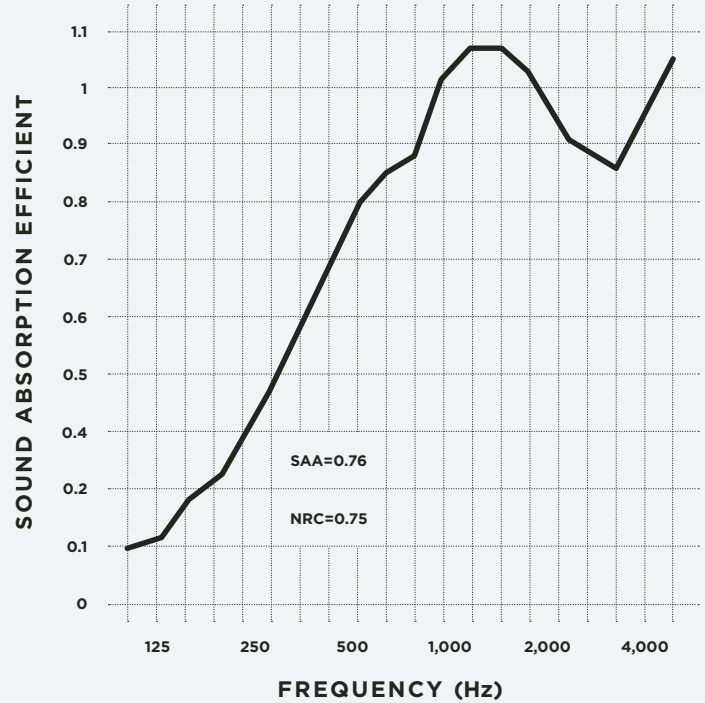
TEST ARRANGEMENT
PET Acoustic panel +100mm air layer (Filled with 50mm rock wool board).