



zintra[®]

BAFFLE SYSTEMS

Technical Specifications

Zintra Baffle Systems Connect Prismatic in Pebble



An innovative replacement to a mineral fibre ceiling system, Baffle Systems are easy to assemble, simple to install and come in a wide array of colours. They are ideally suited to large noisy spaces in educational institutions, shopping centres, offices, restaurants and airports.

Zintra Baffle Systems Connect Hive in Brick

zintra® .2

INSTALLATION IDEAS



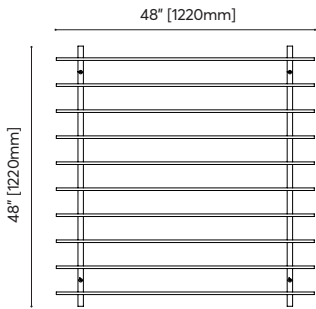


Top image: Zintra Connect Rise High in Slate, Cobalt and Chambray
Bottom image: Zintra Connect Highrise

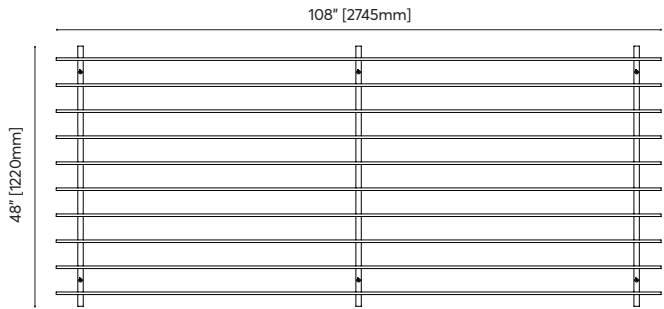
TECHNICAL DRAWINGS

BAFFLE SYSTEMS

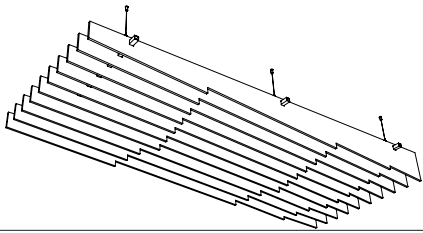
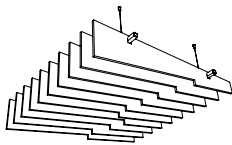
SMALL BAFFLE



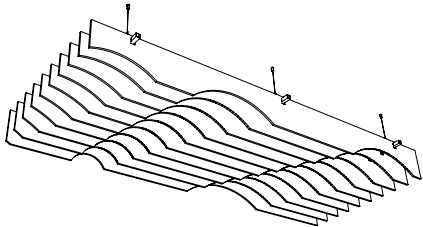
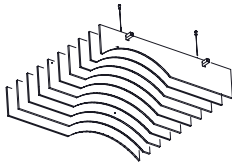
LARGE BAFFLE



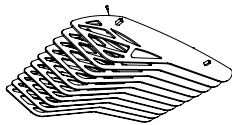
BOLT



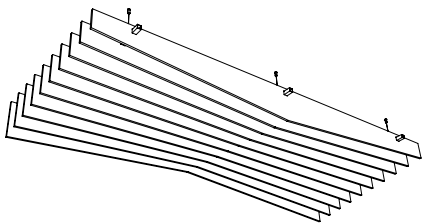
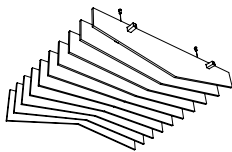
CANYONS



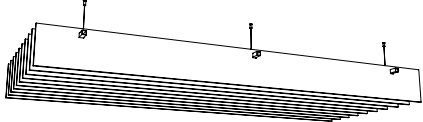
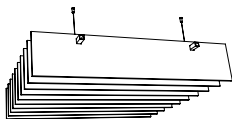
GORGE*



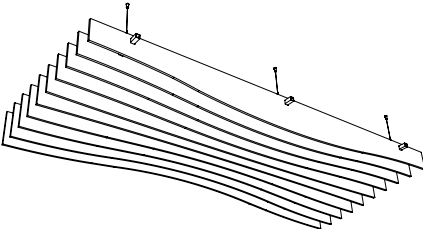
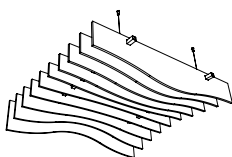
RIDGES



SQUARE

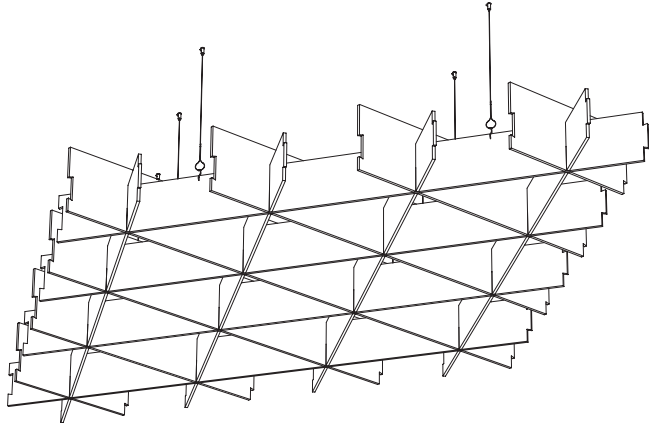


SWELL



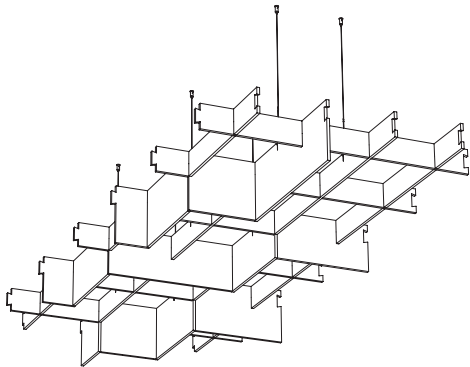
* also available in 48"(1220mm) w x 72" (1829mm) l x 18" (456mm) h

CIRRUS

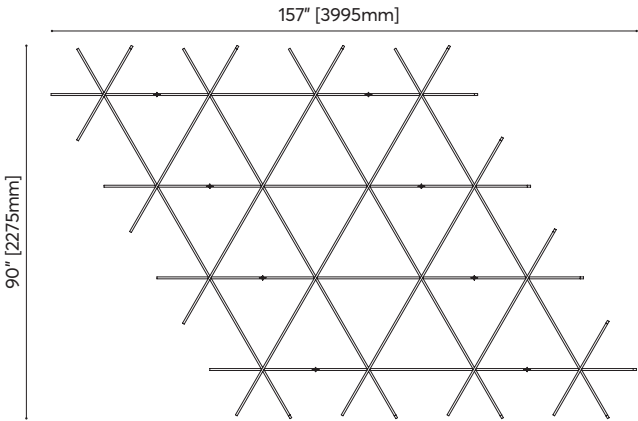


Typical perspective from underneath

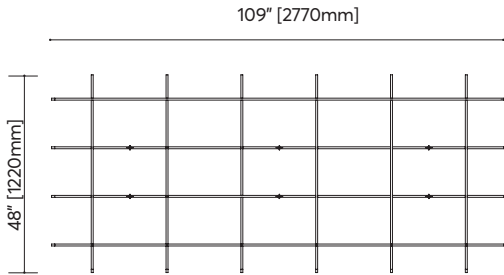
RISE



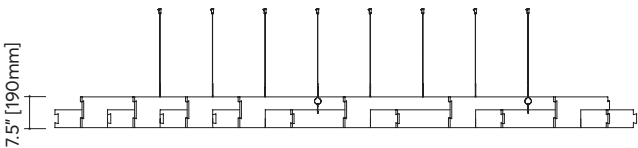
Typical perspective from underneath



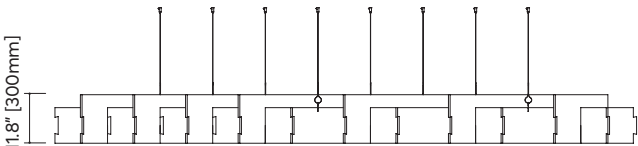
Plan View



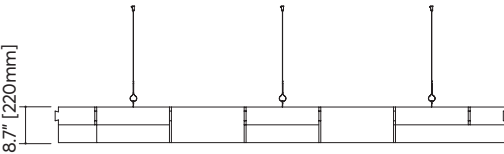
Plan View



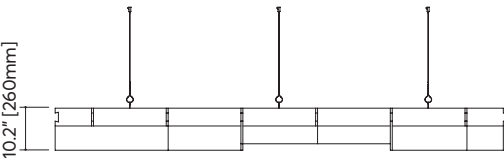
Cirrus Low



Cirrus High



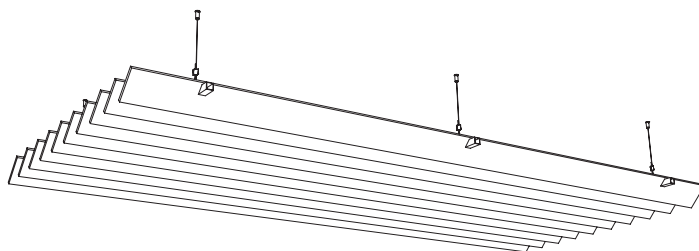
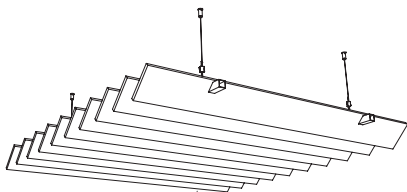
Low Rise



High Rise

TECHNICAL DRAWINGS

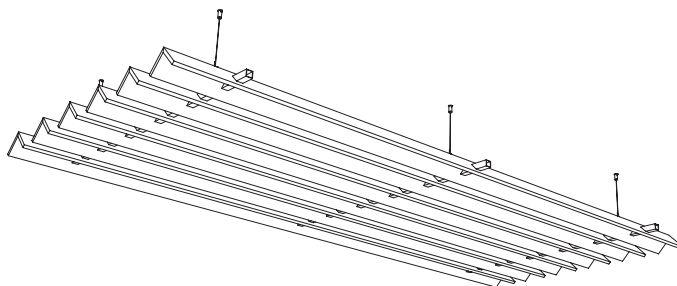
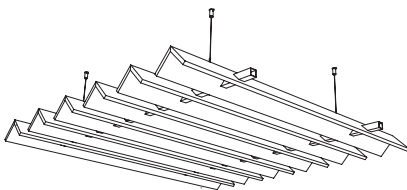
BAFFLE CONNECT



48" (1220mm) w x 48" (1220mm) d x 3.7" (94mm) h

48" (1220mm) w x 108.1" (2745mm) d x 3.7" (94mm) h

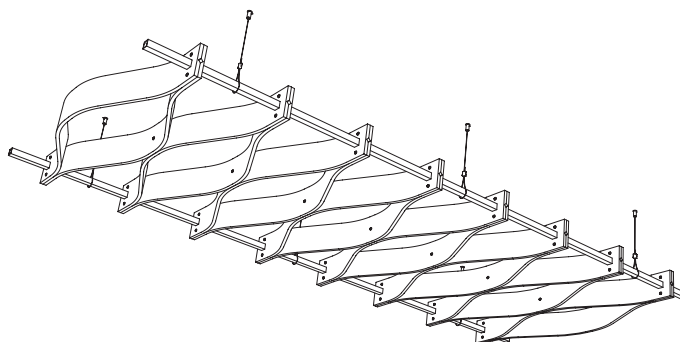
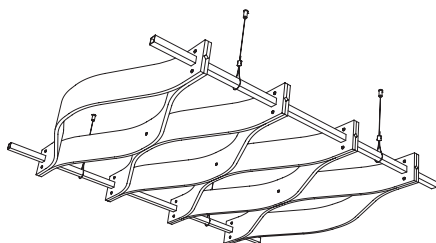
LOUVRE



48" (1220mm) w x 48" (1220mm) d x 3.1" (80mm) h

48" (1220mm) w x 108.1" (2745mm) d x 3.1" (80mm) h

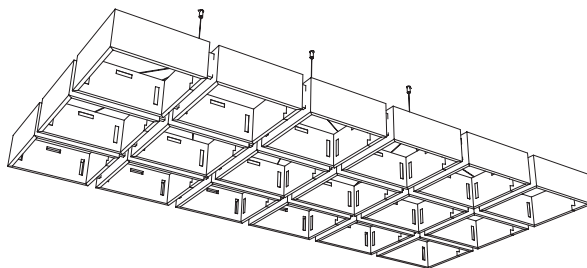
V-FOLD



WAVES

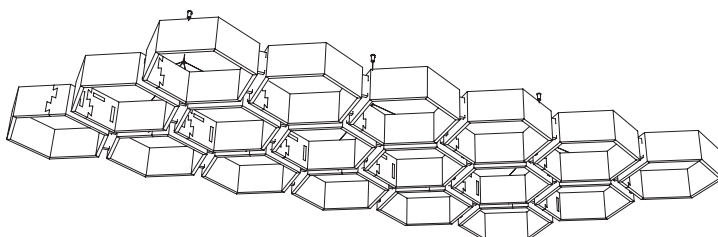
48" (1220mm) w x 54" (1373mm) d x 4.7" (120mm) h

48" (1220mm) w x 108.1" (2745mm) d x 4.7" (120mm) h



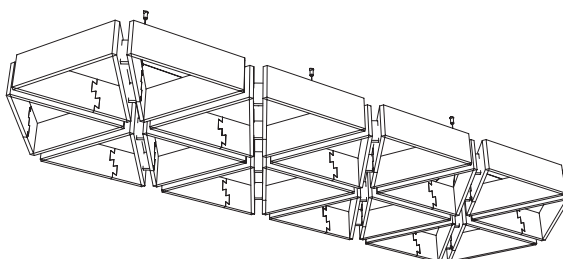
CONNECT CUBIX

18 cubes / set, 18.9 SF (1.8m²)
 36.6" (930mm) w x 74.4" (1889mm) d x 4.7" (120mm) h



CONNECT HIVE

18 hexagons / set, 21.7 SF (2.6m²)
 40.4" (1027mm) w x 100.2" (2544mm) d x 4.7" (120mm) h



CONNECT PRISMATIC

18 triangles / set, 16.9 SF (1.7m²)
 30.2" (768mm) w x 88.2" (2241mm) d x 4.7" (120mm) h

TECHNICAL DETAILS

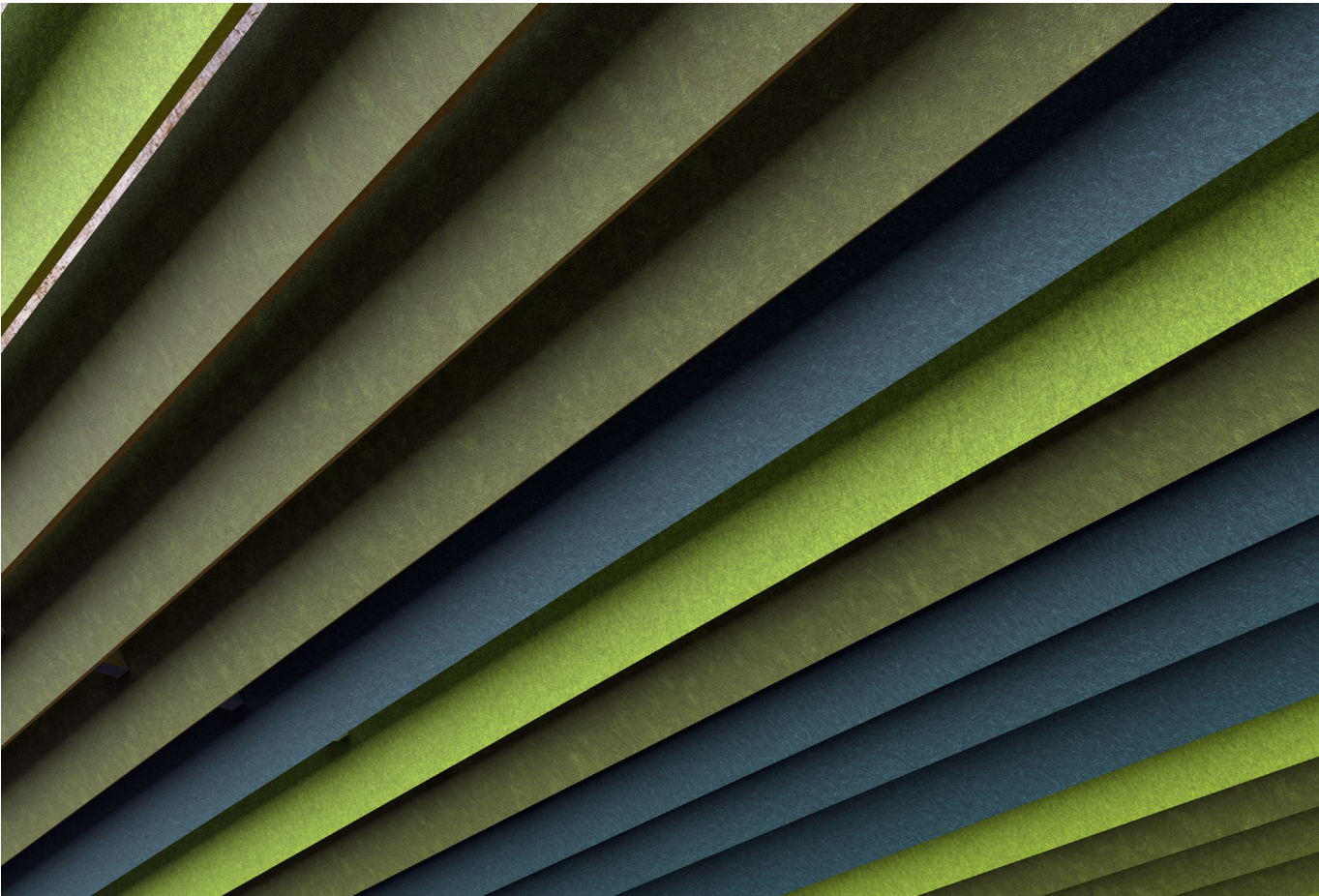
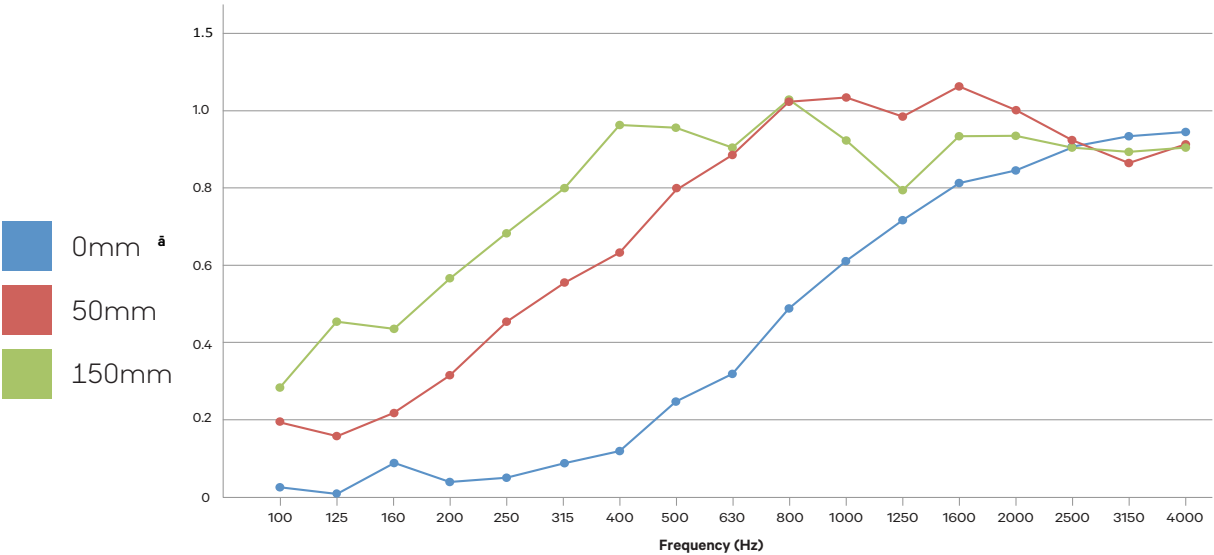
MATERIAL

100% solution-dyed polyester.

ACOUSTIC RATING

ASTM C423-09a test results: 0.90 NRC.

Frequency/Hz		100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	$\bar{\alpha}$	NRC
DISTANCE FROM WALL	0mm	0.03	0.01	0.09	0.04	0.05	0.09	0.12	0.25	0.32	0.49	0.61	0.72	0.82	0.85	0.91	0.94	0.95	0.44	0.45
	50mm	0.20	0.16	0.22	0.32	0.46	0.56	0.63	0.80	0.89	1.03	1.04	0.99	1.07	1.00	0.93	0.87	0.92	0.81	0.80
	150mm	0.29	0.46	0.44	0.57	0.69	0.81	0.97	0.96	0.91	1.04	0.92	0.80	0.94	0.94	0.91	0.90	0.91	0.87	0.90



SIZE

See page 5-8.

SURFACE FINISH

Both sides "A" or "B" have a matt surface and are suitable to use as the face. To ensure consistency of look, it is recommended that the face surfaces are either all "A" or all "B" when installing side-by-side.

WEIGHT

0.5 lb / ft² / 2.4 kg / m²

APPLICATION

Indoor areas only.

FABRICATION

Utility knife and CNC with oscillating knife.

INSTALLATION

Baffles are supplied flat pack.

Slide Baffles onto notched Square Tube to position it into place. Fix Adjustable Cables to ceiling.

Insert S Hooks into Connect set. Hang Connect set from cables. Adjust cables to complete installation.

To avoid bowing or creasing, support Baffles during installation.

Go to crownsurfacesolutions.com for complete installation instructions.

FIRE RATING

ASTM-E84 - Class A classification

AS ISO 9705 - 2003 - Group 1 classification

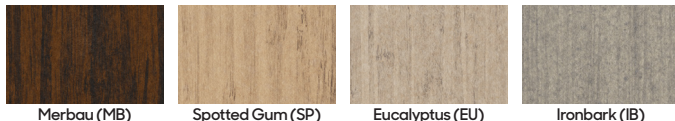
EN-13501 - B-s2-d0 classification.

Tested in accordance with CAN/ULC S102

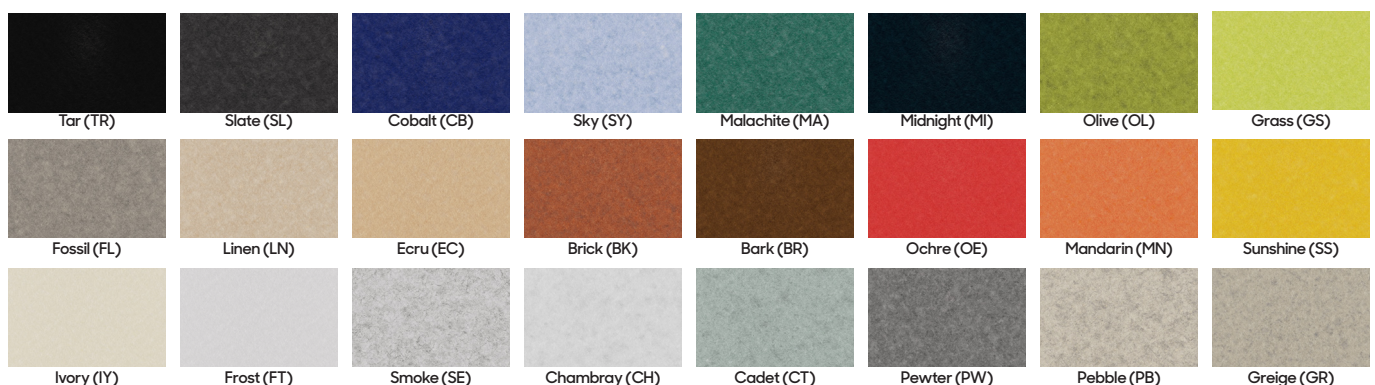
COLOUR RANGE

24 sheet colours and 4 timber colours.

TIMBER COLOURS



PLAIN COLOURS



LIGHTFASTNESS

AATCC 16.3, Option 3: Panel colour change at 40AFU is 4.5.

TEMPERATURE

Maximum temperature exposure is 240°F (115°C).

MOISTURE ABSORPTION

Polyester fibre when exposed to an atmosphere of 120°F (49°C) at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight.

VOC TESTING

Standard Method Version 1.2 for CDPH 01350: PASS for all testing scenarios.

ENVIRONMENT

Panels are fully recyclable at end of life.

CARE INSTRUCTIONS

Vacuum to remove dust.

Remove spills immediately using a clean damp cloth or with soap and water.

Polyester carpet and fabric cleaners can be used - always test an inconspicuous area first.

A stain repellent coating is available for additional protection.

Disinfection - Regular household bleach solution (5.25% sodium hypochlorite) can be used in accordance with Health Canada Cleaning and Disinfection instructions. The solution ratio should be 10% bleach to 90% water. Spray apply the solution as a mist, follow recommended wet contact period and then wipe off the surface moisture.