



# QuietForm™ Tiles

FilaSorb™ 12

acoufelt  
making quiet



# Product Detail

|                  |                                  |
|------------------|----------------------------------|
| Application      | Wall                             |
| Composition      | 100% polyester                   |
| Material         | FilaSorb™                        |
| Recycled content | 60% min                          |
| Dimensions       | 600 x 600mm                      |
| Thickness        | 12mm with depth to 7.5mm +/- 10% |
| Weight           | 2400 g/m <sup>2</sup> +/- 10%    |
| Tiles per box    | 8 tiles (2.88sq/m)               |

# Guarantees

|                          |           |
|--------------------------|-----------|
| Warranty against defects | 20 years* |
| Colorfastness warranty   | 20 years* |

\*conditions apply

# Technical Data

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| Fire rating        | AS/ISO 9705.1, Group 1<br>ASTM E84-17a, Class A<br>EN 13501-1: 2019, B-s1, d0                           |
| Indoor fire rating | SCS-EC10.3-2014 v4.0 meeting<br>standard CDPH/EHLB Standard Method<br>v.1.2-2017, <0.5mg/m <sup>3</sup> |
| Colorfastness      | ISO 105-B02, 6-7                                                                                        |

# Sustainability



Made from 60% min.  
recycled content



Red List Free  
Declare Label  
(3<sup>rd</sup> Party Verified)



Generated using  
40% solar energy



Recyclable at  
end-of-life



Total VOC's less than  
0.5 mg/m<sup>3</sup> (3<sup>rd</sup> Party Verified)

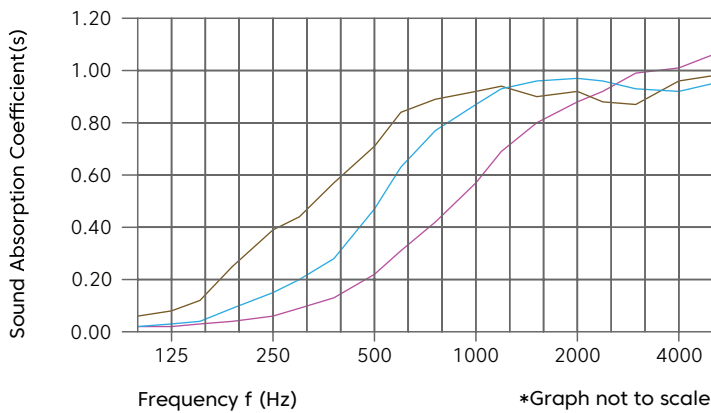


Phenol &  
formaldehyde free



# Acoustic Performance

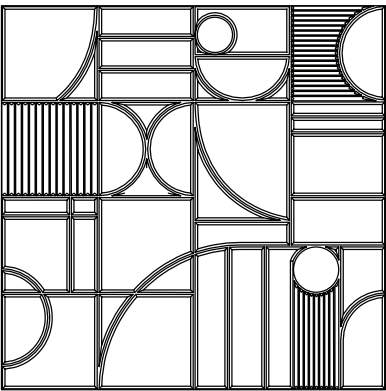
|             |                                                                             |
|-------------|-----------------------------------------------------------------------------|
| Test method | ISO 354-2006                                                                |
| Results     | NRC 0.45 (no air gap)<br>NRC 0.60 (20mm air gap)<br>NRC 0.75 (50mm air gap) |



| Frequency f(Hz)            | 125  | 250  | 500  | 1000 | 2000 | 4000 | NRC  |
|----------------------------|------|------|------|------|------|------|------|
| $\alpha_s$<br>no air gap   | 0.02 | 0.06 | 0.21 | 0.57 | 0.88 | 1.01 | 0.45 |
| $\alpha_s$<br>20mm air gap | 0.03 | 0.15 | 0.47 | 0.87 | 0.97 | 0.92 | 0.60 |
| $\alpha_s$<br>50mm air gap | 0.08 | 0.39 | 0.71 | 0.92 | 0.92 | 0.96 | 0.75 |

# Eclipse Pattern

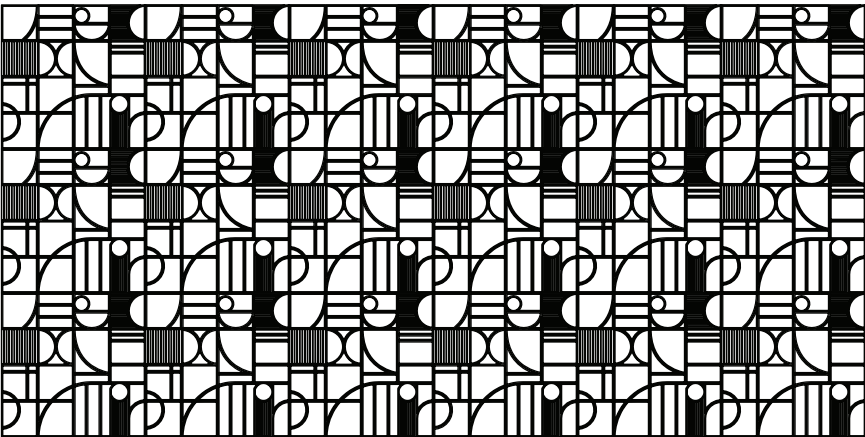
---



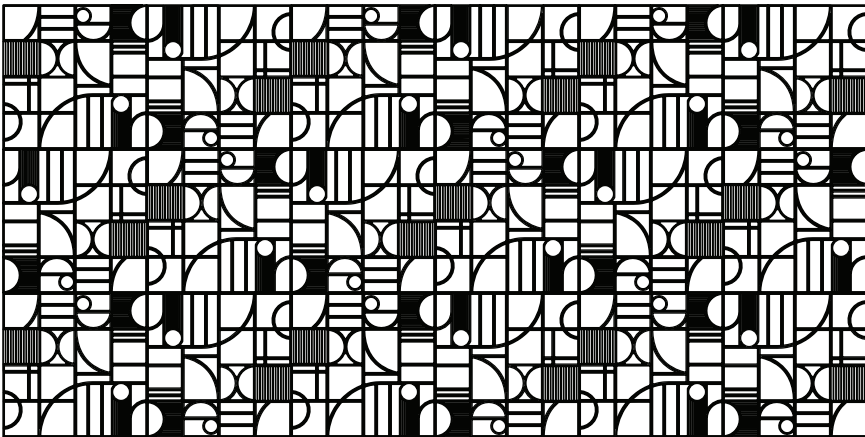
## Recommended Layouts

---

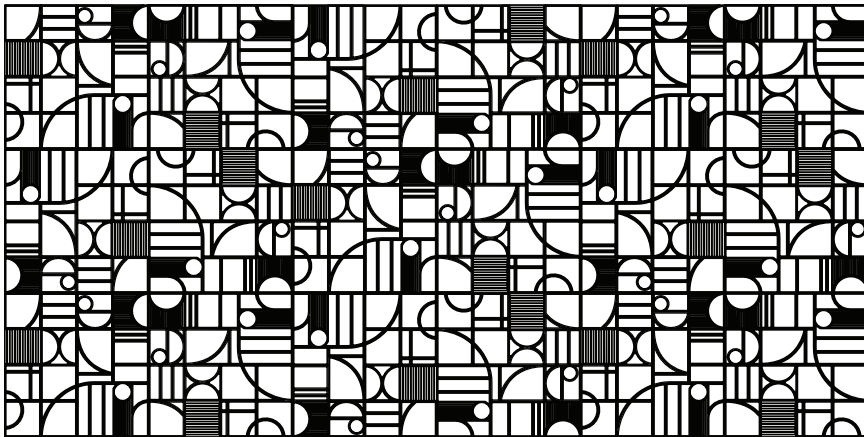
Layout 1



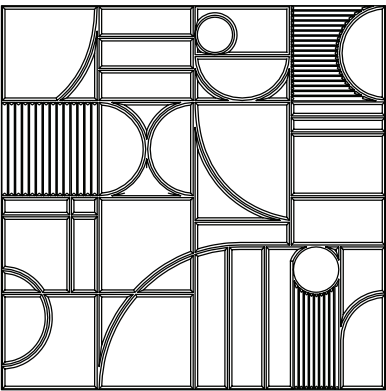
Layout 2



Layout 3

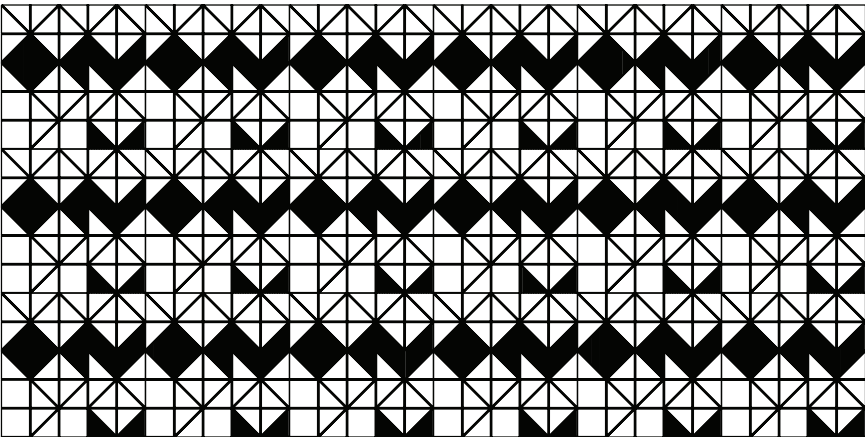


# Spatial Pattern

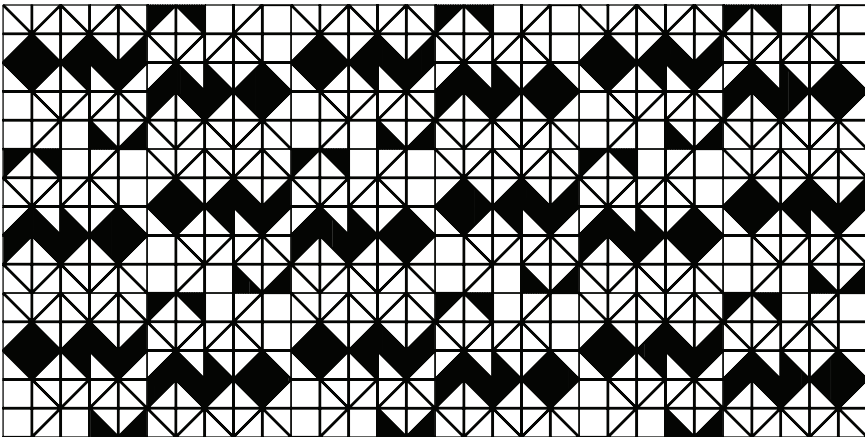


## Recommended Layouts

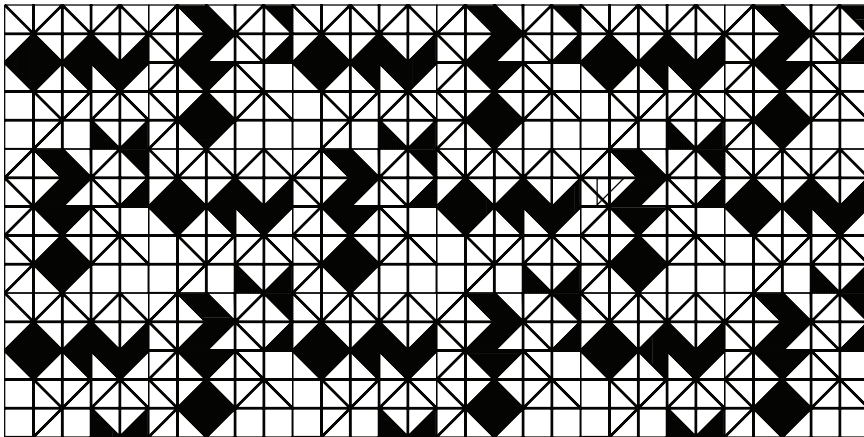
Layout 1



Layout 2

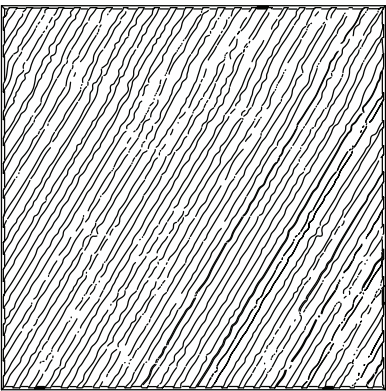


Layout 3



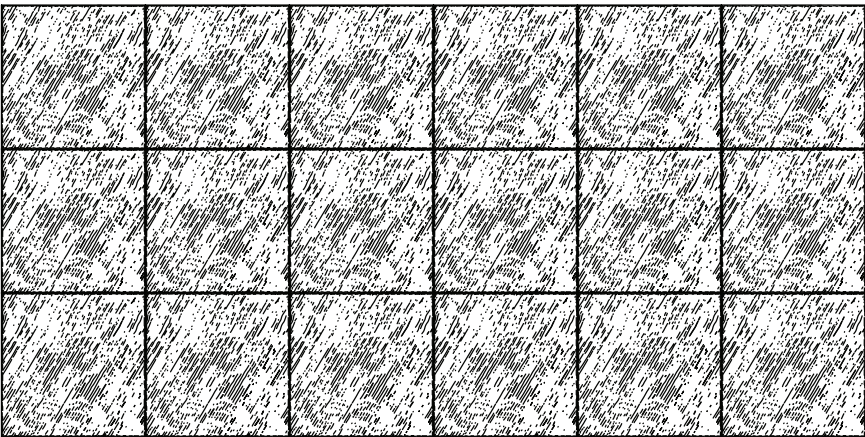


# Dune Pattern

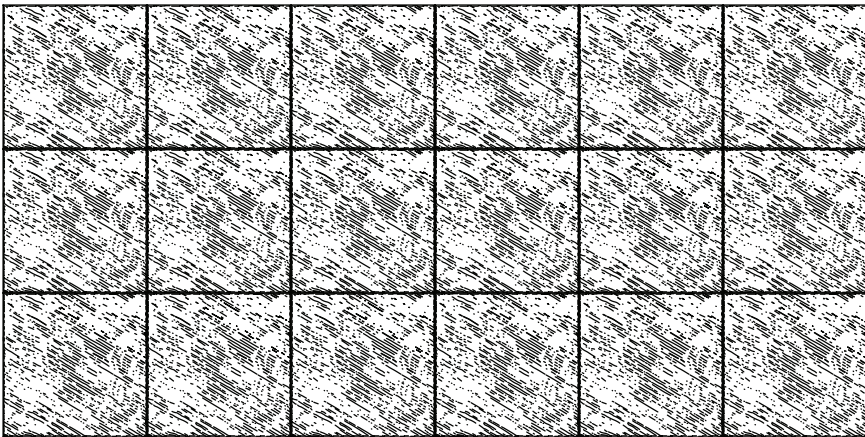


## Recommended Layouts

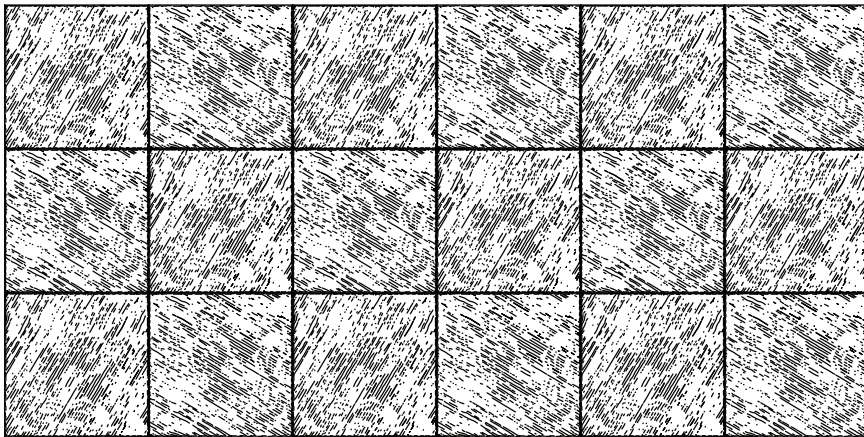
Layout 1



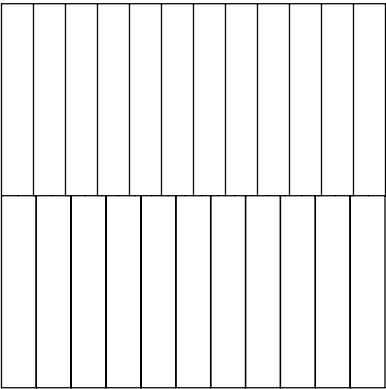
Layout 2



Layout 3

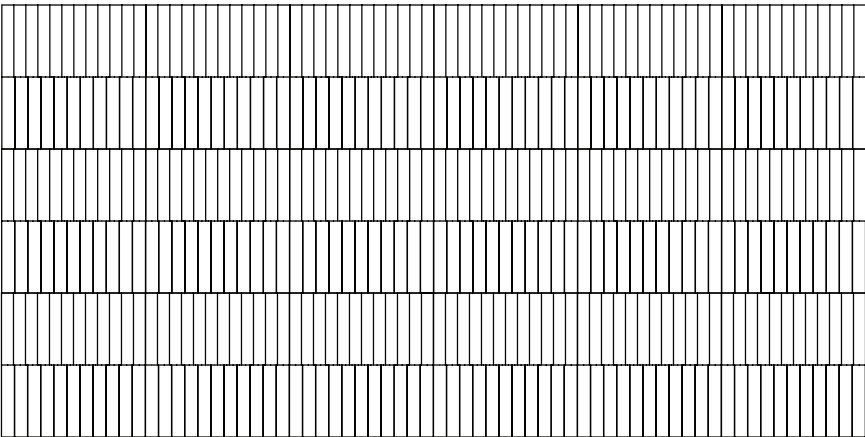


# Pillar Pattern

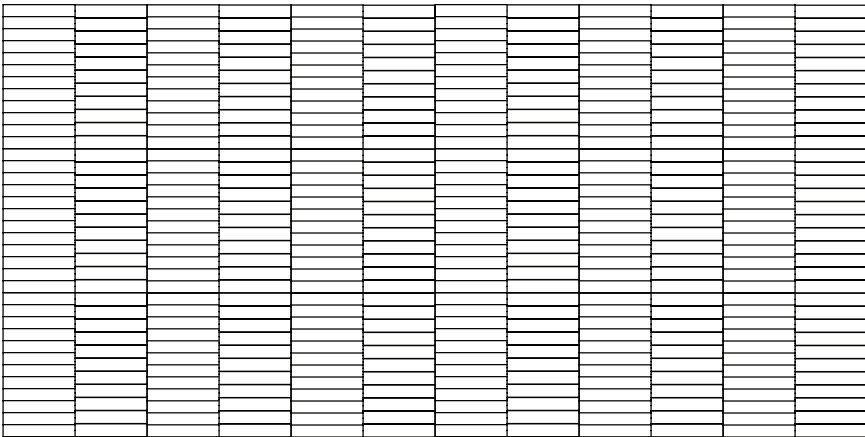


## Recommended Layouts

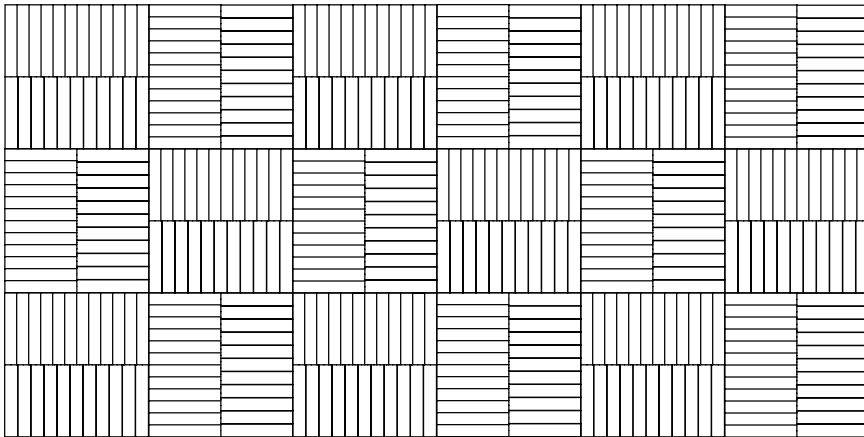
Layout 1



Layout 2

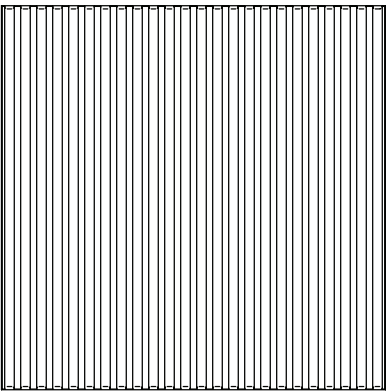


Layout 3



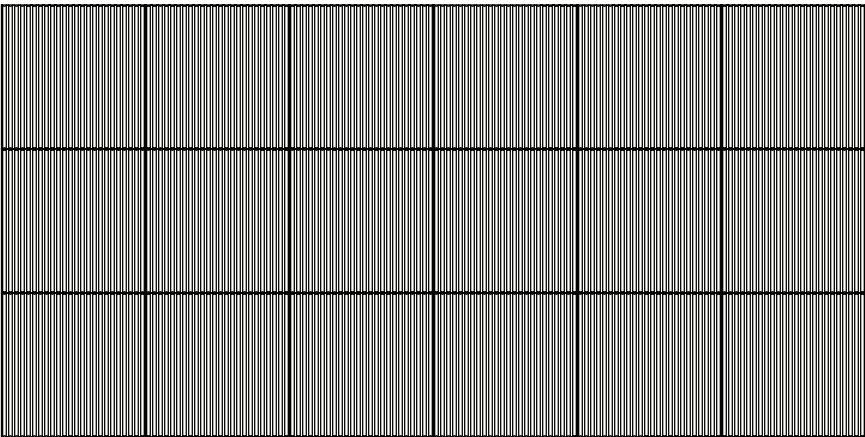


# Pole Pattern

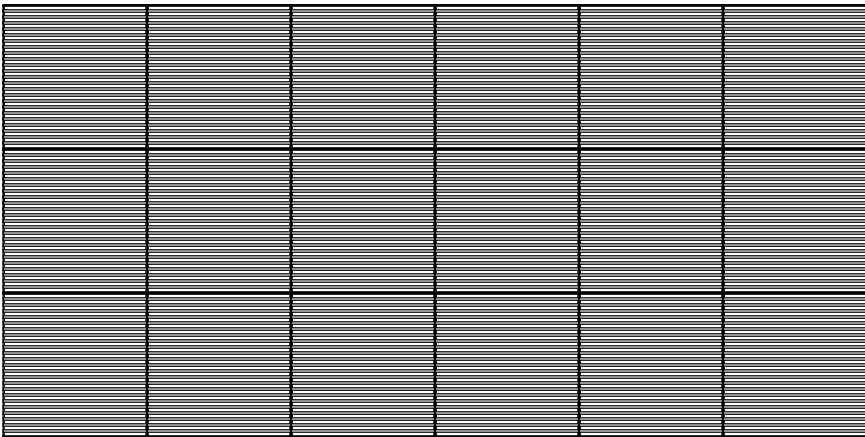


## Recommended Layouts

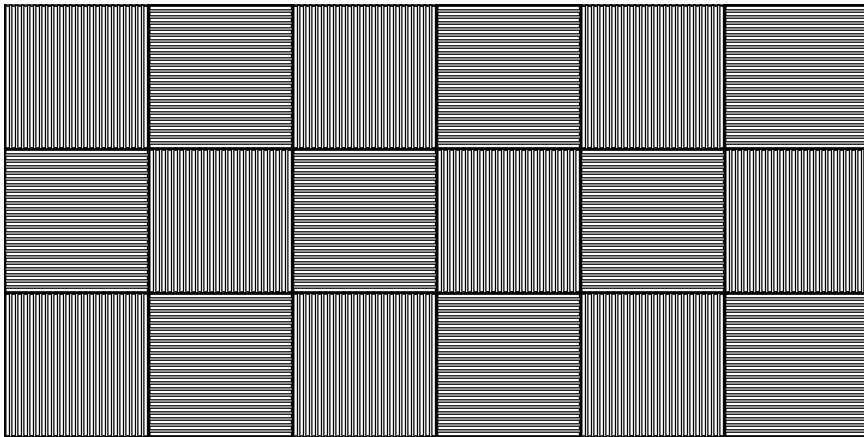
Layout 1



Layout 2



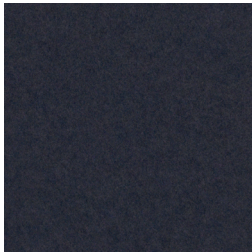
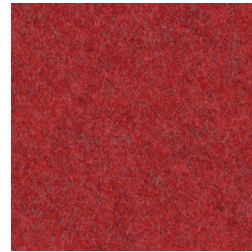
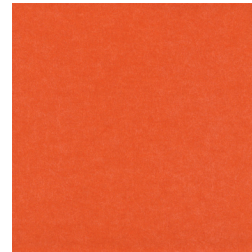
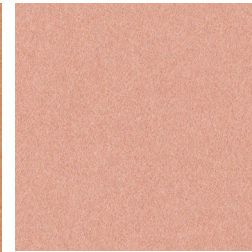
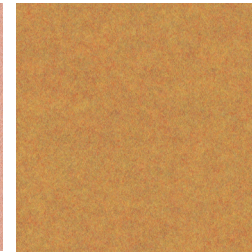
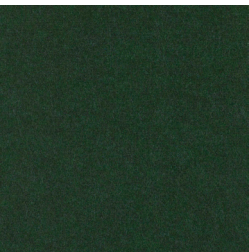
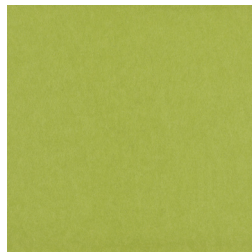
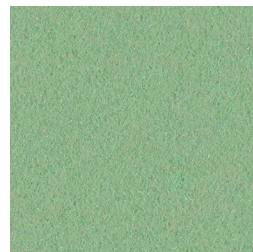
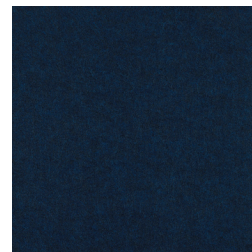
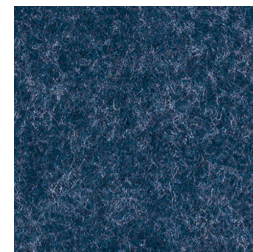
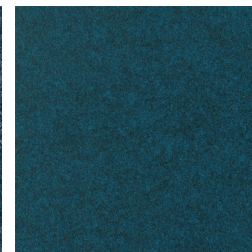
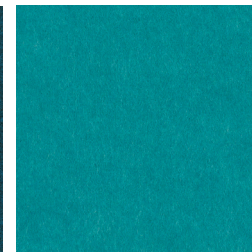
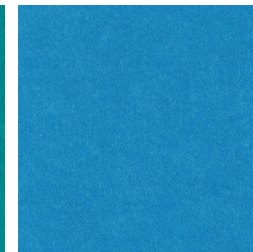
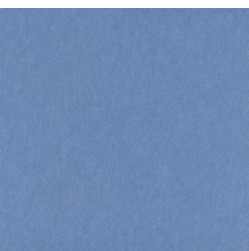
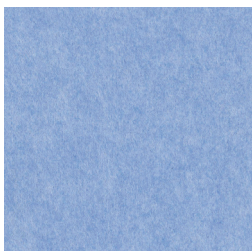
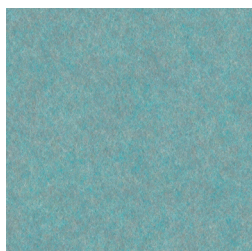
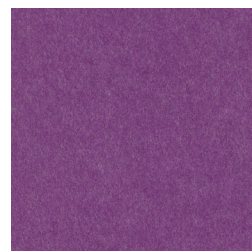
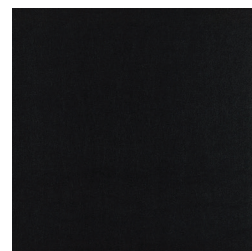
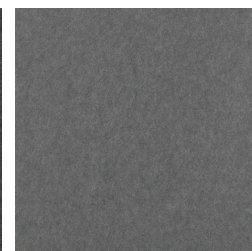
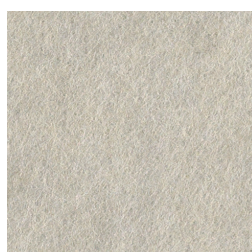
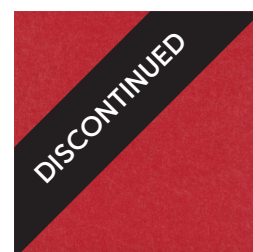
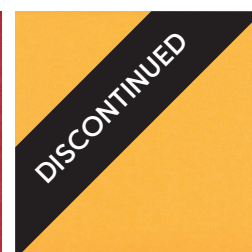
Layout 3





# Colorways

Light Reflectance Values (LRV), are a **measure of the percentage of visible and usable light that is reflected from a surface** when illuminated by a light source.

|                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |    |    |    |    |    |    |    |    |
| Celery<br>LRV – 43.64%                                                              | Flint<br>LRV – 5.14%                                                                | Shiraz<br>LRV – 3.99%                                                               | Quartz<br>LRV – 36.85%                                                               | Peppercorn<br>LRV – 8.50%                                                             | Currant<br>LRV – 7.04%                                                                | Carrot<br>LRV – 20.00%                                                                | Peach<br>LRV – 29.00%                                                                 | Flamingo<br>LRV – 37.54%                                                              | Turmeric<br>LRV – 29.59%                                                              | Popcorn<br>LRV – 65.00%                                                               |
|    |    |    |    |    |    |    |    |    |    |    |
| Kale<br>LRV – 4.50%                                                                 | Oregano<br>LRV – 8.80%                                                              | Thistle<br>LRV – 13.00%                                                             | Wasabi<br>LRV – 38.00%                                                               | Sencha<br>LRV – 34.15%                                                                | Pistachio<br>LRV – 30.00%                                                             | Midnight Blue<br>LRV – 3.50%                                                          | Granite<br>LRV – 6.40%                                                                | Denim<br>LRV – 6.00%                                                                  | Peacock<br>LRV – 19.00%                                                               | Azur<br>LRV – 18.00%                                                                  |
|  |  |  |  |  |  |  |  |  |  |  |
| Marine<br>LRV – 25.00%                                                              | Periwinkle<br>LRV – 36.00%                                                          | Sea Salt<br>LRV – 28.56%                                                            | Lilac<br>LRV – 39.00%                                                                | Iris<br>LRV – 10.50%                                                                  | Berry<br>LRV – 12.00%                                                                 | Piano Black<br>LRV – 3.00%                                                            | Charcoal<br>LRV – 5.46%                                                               | Slate<br>LRV – 12.50%                                                                 | Grey<br>27.00%                                                                        | Metal<br>LRV – 35.00%                                                                 |
|  |  |  |  |  |  |  |  |  |                                                                                       |                                                                                       |
| Platinum<br>LRV – 42.00%                                                            | Walnut<br>LRV – 12.14%                                                              | Umber<br>LRV – 20.35%                                                               | Almond<br>LRV – 53.64%                                                               | Ivory<br>LVR – 40.00%                                                                 | Pearl<br>LRV – 54.00%                                                                 | White<br>LRV – 83.22%                                                                 | Lipstick Red<br>LRV – 12.50%                                                          | Butter<br>LRV – 62.00%                                                                |                                                                                       |                                                                                       |



# Mounting Methods

---

## Constructive Adhesive

