



## Case Study: BioTech/Commercial

### Genentech

**Industry:**  
BioTech/  
Commercial

**Location:**  
South San Francisco, CA

**Architect:**  
Flad Architects

**Materials:**  
Sound Collection  
Style: A1  
Color: Natural

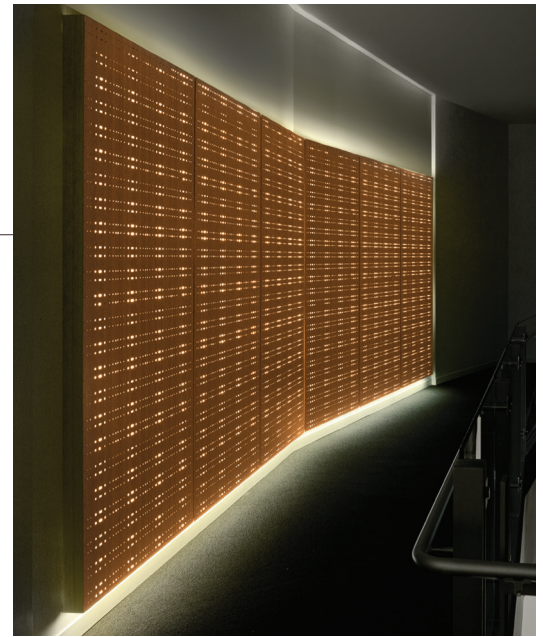
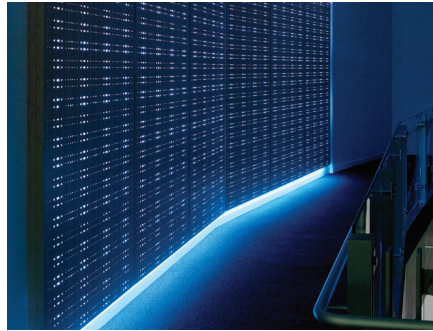
Genentech a South San Francisco, CA based BioTech industry leader was interested in creating a wall feature in the entrance to their offices that would energize the staff as they arrived in the mornings and would sooth and calm them as the day drew to an end. Quite a high calling for a wall feature, but the designers at Flad Architects went to work with the concept and came up with the Circadian Light Wall. The concept behind the light wall is that it would follow natural circadian body rhythms starting with brighter colors in the morning to energize like the sun and as the day passed calm and relax with deeper warmer tones like the evening sky. For the surface and structure of the wall our Plyboo Sound A1 panel in natural was used as the surface perforations allowed the light to pass through creating this wonderful light effect.



## Specifications

### Possible LEED Credits:

Low emitting materials and certified wood



### Physical/ Mechanical Properties: PlybooSound Collection

Dimensions:	3/4" x 47 3/4" x 95 3/4" - 19mm x 1213mm x 2432mm
Construction:	RealCore™ 3-ply
Installation:	Can be used in Walls, Ceilings & Millwork applications
Noise Reduction Coefficient (NRC):	Average 0.5 with PlybooQuiteWall (1" duct liner) installed behind panel
ASTM E84: Surface Burning	Class C standard. Can be ordered as Class B and in some cases Class A
ASTM D6007-02: Formaldehyde Concentration in Air from Wood Products small chamber test	Plyboo = 0.004 ppm (surpasses CARB II standards, 0.05ppm & ULEF standards of 0.04ppm)
Finish:	Penofin Verde Natural Oil (Colors: Natural, Fog, Storm, Mist, Noir)
ASTM 4442: Moisture Content	6-9% average