WELL Building Standard v2

How Armstrong® Ceilings and Wall Solutions Can Contribute to The WELL Building Standard

ecomedes
24/7 access to Sustainable product information and documentation

AIR			The WELL Building Standard™ (WELL) establishes requirements in buildings that promote clean air and reduce or minimize the sources of indoor air pollution.
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
A01	Fundamental Air Quality	P	Intent: To ensure a basic level of high indoor air quality. To enhance indoor air quality by using ceiling and wall products with low or no added formaldehyde. Choose products from the Armstrong® SUSTAIN portfolio. This entire portfolio contributes to better spaces.
A05	Enhanced Air Quality	4	Intent: To minimize the effect of VOCs from building materials on indoor air quality. Armstrong® ceilings and walls are third-party certified to meet California Dept of Public Health (CDPH) Standard Method v1.2-2017.
A04	Construction Pollution Management – VOC Absorption Management	P	Intent: To minimize the introduction of construction related pollutants into indoor air and protect building products from degradation. Armstrong® HumiGuard® protection on ceiling panels are recommended for humidity and sag resistance. Ceilings with HumiGuard protection can be installed prior to the building being enclosed.
A14	Microbe and Mold	2	Part 2: Manage condensation and mold: To reduce mold and bacteria growth within buildings. Armstrong® ceiling products feature BioBlock® performance to resist the growth of mold and mildew. BioBlock Plus performance resists growth of mold and mildew and odor and stain causing bacteria. growth. Review our performance selector to choose the right ceiling for your space.
COMFORT			The WELL Building Standard™ (WELL) establishes requirements designed to create distraction-free, productive and comfortable indoor
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
T07	Humidity Control	1	Intent: To limit the growth of pathogens, reduce off-gassing, and maintain thermal comfort by providing the appropriate levels of humidity. Armstrong® HumiGuard® protection on ceiling panels are recommended for humidity and sag resistance. Ceilings with HumiGuard® protection can be installed prior to the building being enclosed. SUSTAIN® ceilings contain no added formaldehyde so there is no concern of excess emissions of formaldehyde.
SOUND			The WELL Building Standard™ (WELL) establishes requirements designed to create distraction-free, productive and comfortable indoor
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
S03	Sound Barriers	3	Intent: Increase the level of speech privacy between horizontally adjacent enclosures and highlight design constraints that may hinder acoustical comfort. Total Acoustics® performance provides the ideal combination of sound absorption and sound blocking. Armstrong® walls provide the proper levels of acoustic performance and privacy.
S04	Sound Absorption	3	Intent: Design spaces in accordance with comfortable reverberation times that support speech intelligibility and are conducive to focus. Armstrong® ceilings and walls absorb sound, contributing to the reduction in reverberation time and increased speech intelligibility. Look for Total Acoustics® portfolio of products. Use the Armstrong® Reverberation Calculator to model your space. Select treatment materials for your space to meet the reverberation time recommendations and hear the difference, before and after!
S05	Sound Masking	2	Intent: To increase acoustical privacy in open workspaces and between enclosed spaces. Armstrong® ceilings and walls absorb sound, contributing to the reduction in reverberation time and increased speech Privacy and intelligibility. Look for Total Acoustics® portfolio of products.
MATERIALS			The WELL Building Standard™ (WELL) optimizes cognitive and emotional health through design, technology and treatment strategies.
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
X01	Fundamental Material Precautions	P	Intent: This WELL feature requires the restriction of hazardous ingredient components in newly installed building materials, specifically through the restriction of asbestos, mercury-containing lamps and lead in plumbing products and paint.
X04	Waste Management	1	Intent: This WELL feature requires the safe ongoing management and disposal of hazardous waste, including construction and demolition waste. Add the Armstrong® Ceiling Recycling Program to the Waste Management Plan to provide a solution to divert materials from the waste stream, increasing diversion percentage.
X08	Hazardous Material Reduction	1	Armstrong® Ceilings & Walls comply with this Feature. Our SUSTAIN product provide ingredient disclosure through our HPDs and Declare® Labels.
X12	Short Term Emission Control	3	Intent: Minimize the impact of hazardous volatile and semi-volatile organic compounds (VOCs and SVOCs) on indoor air quality. Part 1: Armstrong SUSTAIN products comply with these requirement. They do not contain halogenated flame retardants or phthalates.

P = Preconditions
O = Optimizations

REFERENCE – SUSTAINABILITY

Armstrong® World Industries

MATERIALS (Continued)			The WELL Building Standard™ (WELL) optimizes cognitive and emotional health through design, technology and treatment strategies.
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
X13	Enhanced Material Transparency	2	Intent: Minimize the impact of hazardous building material ingredients on indoor air quality, protect the environment and health of workers and help support the demand for safer chemical alternatives. Armstrong® ceiling and wall products in the Sustain® portfolio meet the requirements of this feature. All products have HPDs, Declare® labels, and EPDs. All documents are publically available on the Sustain web site for easy reference.
X14	Material Transparency	2	Intent: Promote material transparency across building material and product supply chain. Armstrong® ceiling and wall products in the Sustain® portfolio meet the requirements for both Part 1 and 2 of this feature. All products have HPDs, Declare® labels, and EPDs. All documents are publically available on the Sustain web site for easy reference.
LIGHT			The WELL Building Standard™ (WELL) provides guidelines that minimize disruption to the body's circadian system, enhance productivity, support good sleep quality and provide appropriate visual acuity.
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
L02	Visual Lighting Design	P	Intent: To tprovide appropriate illuminances on work planes for regular users of all age groups while taking into account light levels required for the tasks performed in the space. Armstrong® high light reflectance ceilings enhance the benefits of indirect lighting by improving overall lighting uniformity, returning up to 90% of light back into the space, compares to 75% with standard ceilings. Refer to the performance selection to choose Armstrong® High LR ceilings or walls. Specify Armstrong® TechZone® ceiling systems lighting partners and LED lighting as another option to meet this feature.
L04 L06 Visual Balance – 1 pt	Glare Control	3	Intent: To manage glare by using a combination of strategies such as calculating of glare, choosing appropriate light design, and fixtures for the space and using shading techniques. The goal is to create a visually comfortable lighting environment. Armstrong® high light reflectance ceilings enhance the benefits of indirect lighting by improving overall lighting uniformity, returning up to 90% of light back into the space, compares to 75% with standard ceilings; as well as reducing glare on interior surfaces. Specify Armstrong® TechZone® ceiling systems lighting partners and LED lighting as another option to meet this feature.
L05	Enhanced Daylight Access	3	Intent: To design spaces to integrate daylight into indoor environments so that daylight may be used for visual tasks along with electric lighting. It also provides individuals with a connection to outdoor spaces through view windows. Lighting. Armstrong® high light reflectance ceilings enhance the benefits of daylight by redirecting light into the space and improving overall lighting uniformity, returning up to 90% of light back into the space, compares to 75% with standard ceilings; as well as reducing glare on interior surfaces. Specify Armstrong® TechZone® ceiling systems lighting partners and LED lighting as another option to meet this feature.
			Armstrong® high light reflectance ceilings can redirect light further into the space.
L03	Circadian Lighting Design	3	Intent: to provide users with appropriate exposure to light for maintaining circadian health and aligning the circadian rhythmwith the day-night cycle. Contribute to luminance levels in simulation models with Armstrong® high light reflectance ceilings. These ceilings deliver exceptionally balanced light diffusion – due to the consistent surface finish.
COMMUNITY			The WELL Building Standard™ (WELL) optimizes cognitive and emotional health through design, technology and treatment strategies.
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
CO2	Integrative Design	P	Intent: To facilitate a collaborative development process and ensure adherence to collective wellness goals. Armstrong® Ceilings will provide information and documentation to support contribution to the Well concepts.
C12	Organizational Transparency	2	Intent: Promote transparency in organizations through adherence to and disclosure of equitable and inclusive social and business practices. Armstrong® Ceilings and Walls has self-declared it's commitment and initiatives supporting it's sustainability journey on the corporate web site at www.armstrongceilings.com.
MIND			
FEATURE	WELL CONCEPT	COMPLIANCE	ARMSTRONG® CEILINGS AND WALLS CONTRIBUTION
M07	Restorative Spaces	1	Intent: Support access to spaces that promote restoration and relief from mental fatigue or stress.
M09	Enhanced Access to Nature	1	Armstrong® Ceilings has a broad portfolio of design elements that contribute to enhancing a biophilic environment. From our natural wood looks in our WoodWorks® product line, to our unique look of our wood fiber, Tectum® and our Lyra® wood-look visuals.

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