# Declare.

## MetalWorks™ Aluminum Ceiling Products
## Armstrong World Industries

**Final Assembly:** Montreal, Canada; Johnstown, Ohio, USA; Guangdong, China
**Life Expectancy:** 30 Year(s)
**Embodied Carbon:** 8.83kg CO2 eq
**Declared Unit:** 1m2
**End of Life Options:** Salvageable/Reusable in its Entirety

**Ingredients:**

Aluminum; Glass, oxide, chemicals; Aluminum Powder; Magnesium; Fatty acids, castor-oil, caustic-oxidized, distn. residues, esters with ammonia-ethylene oxide reaction product distn. residues, compds. with diethylenetriamine and triethylenetetramine; Fatty acids, castor-oil, caustic-oxidized, distn. residues, esters with 1,3-butanediol; 1,3-Benzenedicarboxylic acid, polymer with 2,2-dimethyl-1,3-propanediol and hexanedioic acid; White Tint; Manganese; Titanium dioxide; Polyethylene; Tint; Silicon; Iron; 2-Butoxyethanol; Nepheline syenite; Corn Starch; 1-Octene, polymer with ethene; Acetic acid ethenyl ester, polymer with 1-ethenyl-2-pyrrolidinone; Polyurethane foams; Silica, amorphous, fumed, cryst.-free; Cellulose pulp; 1,2,4-Trimethylbenzene; 2-Propanol, 1-methoxy-, acetate; Naphtha (petroleum); Petroleum distillates; Cellulose; Barium sulfate; Glass oxide; Chromium, metallic; Linseed Oil; Copper; Body: 5056 Aluminum, IFI GRADE/MANDREL MATERIAL: STEEL, IFI GRADE 30/ Zinc Plated 19; 1,3,5-Triglycidyl-s-triazinetrione; 2-Oxepanone, homopolymer; Polyurethane polymer of polyester, 3-hydroxy-2-(hydroxyalkyl)-alkyl-alkanoic acid, alkyl diol, 5-isocyanato-1-(isocyanatoalkyl)-1,3,3-trialkyl carbomonocycle, and alkyl triol, salted with dialkyl amino ethanol; Zinc; Black Tint; 1-Butene, polymer with ethene; 1-Hexene, polymer with ethene; 1-Propene, polymer with ethene; Acetic acid ethenyl ester, polymer with ethene; Copper Chromite Black Spinel; Ethanol, 2-(2-butoxyethoxy)-, acetate; Naphtha (petroleum), hydrotreated heavy; Trimethylbenzenes; 2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate; 2-Propenoic acid, polymer with ethenylbenzene; Mica; Butanol; Ethanol; Fats and Glyceridic oils, vegetable, polymd., oxidized; Xylene; Phosphate; Carbon black; Octadecane, 1-isocyanato-; C.I. Pigment Yellow 42; Phthalic Anhydride; Polyacrylic acid; Undisclosed (< 0.059%)[1]; Mica-group minerals; Undisclosed (< 0.041%)[1]; Amorphous silica; 2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]undecane, 3,9-bis[2,4-bis(1,1-dimethylethyl)phenoxy]-; 2(3H)-Benzothiazolethione, zinc salt; Aluminum hydroxide; C.I. Pigment Black 1; Cumene; Ethylbenzene; Isophorone Diisocyanate; Methyl isobutyl ketone; Polyethylene Terephthalate; Toluene; TRIBUTYL ACONITATE; triphenylphosphine oxide; Undisclosed (< 0.036%)[1]; Undisclosed (< 0.032%)[1]; Diiron Trioxide; Silica gel, pptd., cryst.-free; Undisclosed (< 0.02%)[1]; 3-Hydroxyphenylboronic acid pinacol ester, 97%; Titanium; Talc; Ethanone, 2-hydroxy-1,2-diphenyl-; Paraffin; bis(2,4-dicumylphenyl) neopentyl diphosphite; 3,9-bis[2,4-bis(1-methyl-1-phenylethyl)phenoxy]-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane

[1]LBC Temp Exception RL-004b - Proprietary Ingredients in Declare

**Living Building Challenge Criteria:** Compliant

**I-13 Red List:**

- ☐ LBC Red List Free
- ■ LBC Red List Approved
- ☐ Declared

% Disclosed: 99.81% at 100ppm
VOC Content: Not Applicable

**I-10 Interior Performance:** CDPH Standard Method v1.2-2017
**I-14 Responsible Sourcing:** Not Applicable

ARM-0079
EXP. 01 OCT 2025
Original Issue Date: 2022