



Resilient Red List Approved Adhered TPO Roofing System GAF

Final Assembly: Multiple Locations in the USA

Life Expectancy: 25 Year(s)

End of Life Options: Salvageable/Reusable in its Entirety, Recyclable, Landfill

Ingredients:

EverGuard® Fleecedback TPO: Ethylene/Propylene Copolymer; Magnesium hydroxide; Polyethylene Terephthalate; 1,3-Propandiamin, N,N''-1,2-ethandiylbis-, Polymer mit 2,4,6-trichlor-1,3-5-triazin, Reaktionsprodukt mit N-butyl-2,2,6,6-tetramethyl-4-piperidinamin; Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester; Calcium Stearate; Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester; Docosanamide; Titanium dioxide; Tris(2,4-di-tert-butylphenyl) phosphite; **EnergyGuard™ NH Polyiso Insulation:** Polyisocyanurate Foam; Cellulose Fiber; 1,2-Propanediol, polymer with 2-ethyloxirane and oxirane, potassium salt; Butane, 2-methyl-; Glass Fiber; n-Pentane; Octanoic acid, potassium salt; Pentamethyldiethylenetriamine; Potassium Acetate; Undisclosed (< 1%)¹; **EverGuard® WB 181 Bonding Adhesive:** Butyl acrylate, methyl methacrylate polymer; Water; Calcium Carbonate; Rosin, ester with glycerol

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

Living Building Challenge Criteria: Compliant

I-13 Red List:

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|---|----------------------------|
| ☐ LBC Red List Free | % Disclosed: 99% at 100ppm |
| ☒ LBC Red List Approved | VOC Content: < 8 g/L |
| ☐ Declared | |

I-10 Interior Performance: Not Applicable

I-14 Responsible Sourcing: Not Applicable

GAF-0009

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