



February 19, 2021

Re: SolarRoof™ Structure Qualification Certification Letter

SolarRoof™ is a roofing system comprised of both PV and non-PV smooth or textured roofing elements. Please refer to the product data sheets, UL listing, and installation documentation for further information.

Installation of SolarRoof™ requires a full tear-off of all existing layers of roof covering materials. This unloads the weight of all existing layers of roofing material from the roof structure. The net installed weight of the smooth or textured SolarRoof™ system does not exceed 4 psf, is evenly distributed, and no additional layers of roofing material is permitted. Consequently, the net additional loading impact to existing gravity load resisting elements is less than 5% for the framing of all pitched roof structures with existing roofing material comprised of comp shingle, slate, or concrete/clay tile. Note that this assessment does not apply to structures with light weight roofing materials such as metal, plastic, fiberglass, synthetic, or other roof coverings.

Installer/Contractor shall perform a full tear-off of all existing layers of roofing material above existing sheathing/decking and verify existing roof framing and sheathing/decking to be in suitable condition and not exhibiting any signs of structural damage which may diminish the capacity of its members or connections prior to commencement of roofing installation.

I certify that installation of the smooth or textured SolarRoof™ system on existing structures with: a) existing roofing material comprised of comp shingle, slate, or concrete/clay tile and b) with no existing structural damage; meets the criteria outlined in the "Alterations" section of the "Prescriptive Compliance Method" chapter of the FBC-EB as referenced by the 2020 FBC and 2020 FBC-R, and is therefore permitted by code without alterations or strengthening of the existing framing.

Florida Product Approval # FL31342



THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY HENRY ZHU ON THE DATE SHOWN USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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Licenses: AZ, CA, FL, MA, MD, NJ, NM, SC, TX, UT, WA

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