

Exterior-Insulated Stucco Solutions

Fire and Acoustic Tested Assemblies for One-Coat Stucco Systems

Insulated stucco systems with ROCKWOOL stone wool insulation provide a high performance, durable solution for residential, commercial and institutional buildings.

Noncombustible and fire resistant, stone wool and stucco cladding work effectively together in fire-rated wall assemblies for improved occupant safety. Stone wool can also provide increased comfort by improving the acoustic performance of exterior walls, has a high drying potential, excellent pest resistance, and is inherently durable for long-term performance.

Fire Rated Assembly Solutions

Stone wool is a noncombustible insulation product that can provide increased fire resilience to exterior wall assemblies. Incorporating stone wool insulation into stucco assemblies provides a solution for use in WUI zones and in areas with lot line considerations, including urban development projects. ROCKWOOL has available 1 hour fire-rated insulated stucco assemblies that have been tested to ASTM E119.

ROCKWOOL Comfortboard products have secured approval within the California State Fire Marshal's Building Materials Listing Program (BML).

[Learn more about CAL FIRE](#)



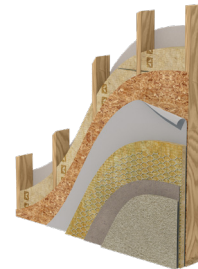
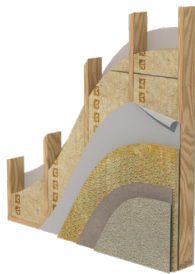
In partnership with one-coat system manufacturers, we can offer systems that meet NFPA 285 requirements.

[Find NFPA 285 Solutions](#)



One Hour Fire-Rated Exterior-Insulated Stucco Assemblies

Design No. RI/MFF 60-03	Design No. RI/MFF 60-04
Fire-Resistance Rating: 1 hour Limited Load Bearing: 58% loading	Fire-Resistance Rating: 1 hour Unrestricted Load Bearing



Report Number	Interior Finish	Framing	Batt Insulation	Sheathing	WRB (options)	Board Insulation	Lath	Stucco Base and Finish	Link
RI/MFF 60-03	5/8" Type X Gypsum	2x4 wood studs, 16" or 24" o.c	ROCKWOOL Comfortbatt 3.5"	None	<ul style="list-style-type: none"> Grade D Building Paper Delta Vent SA Compliant WRB per listing 	ROCKWOOL Comfortboard 80	min. 20ga self-furring lath	min. 3/8" base coat and min. 1/8" finish coat	View Listing
RI/MFF 60-04	5/8" Type X Gypsum	2x4 wood studs, 16" or 24" o.c	ROCKWOOL Comfortbatt 3.5"	7/16" OSB or plywood	<ul style="list-style-type: none"> Grade D Building Paper Delta Vent SA Compliant WRB per listing 	ROCKWOOL Comfortboard 80	min. 20ga self-furring lath	min. 3/8" base coat and min. 1/8" finish coat	View Listing

For information on the assemblies listed here and other fire-rated assembly options, visit rockwool.com/fire-rated-assemblies



Acoustic Assembly Solutions

When designing with stucco in exterior wall assemblies, ROCKWOOL stone wool insulation can help to improve acoustic performance for added occupant comfort.

ROCKWOOL has a series of solutions tested for Sound Transmission Class (STC - ASTM E90) and Outdoor-Indoor Sound Attenuation (OITC - ASTM E1332) to support the design of healthy and comfortable buildings.

Tested acoustic and fire-rated stucco assemblies can be used together to provide improved fire and acoustic performance. Ensure minimum assembly requirements are met when designing your assembly.

Acoustic Tested Exterior-Insulated Stucco Assemblies

Report Number	Interior Finish	Stud Type	Batt Insulation	Sheathing	WRB	Board Insulation	Lath	Stucco Base and Finish Coat	STC	OITC
M9896.02 113-11-R0	5/8" Type X Gypsum	2x4 wood studs, 16"o.c	None	7/16" OSB	Grade D Building Paper	1" ROCKWOOL Comfortboard 80	min. 17ga self-furring lath	min. 3/8" base coat and min. 1/8" finish coat	45	34
M9896.01 113-11-R0	5/8" Type X Gypsum	2x4 wood studs, 16"o.c	3.5" ROCKWOOL Comfortbatt	No Sheathing	Grade D Building Paper	1.5" ROCKWOOL Comfortboard 80	min. 17ga self-furring lath	min. 3/8" base coat and min. 1/8" finish coat	46	35
M9896.03 113-11-R0	5/8" Type X Gypsum	2x4 wood studs, 16"o.c	3.5" ROCKWOOL Comfortbatt	7/16" OSB	Grade D Building Paper	1" ROCKWOOL Comfortboard 80	min. 17ga self-furring lath	min. 3/8" base coat and min. 1/8" finish coat	47	34
M9896.04 113-11-R0	5/8" Type X Gypsum	2x4 wood studs, 16"o.c	3.5" ROCKWOOL Comfortbatt	7/16" OSB	Delta Vent SA	1" ROCKWOOL Comfortboard 80	min. 17ga self-furring lath	min. 3/8" base coat and min. 1/8" finish coat	48	35
M9896.05 113-11-R0	5/8" Type X Gypsum	2x4 wood studs, 16"o.c	3.5" ROCKWOOL Comfortbatt	7/16" OSB	Grade D Building Paper	3" ROCKWOOL Comfortboard 80	min. 17ga self-furring lath	min. 3/8" base coat and min. 1/8" finish coat	49	37

Tested assemblies have been designed to work with several proprietary manufacturer one-coat stucco systems. Please follow the details outlined in the stucco system manufacturers specifications where use of components must follow the Evaluation Report without substitutions.

For more information on stucco with ROCKWOOL stone wool insulation, including a list of approved one-coat system manufacturers, visit rockwool.com/stucco

ROCKWOOL Comfortboard and Comfortbatt stone wool insulation products are available through Insulation Distributors, Gypsum Supply Dealers and EIFS/Stucco dealers. For information on the availability of stone wool insulation products, reach out to your local ROCKWOOL representative.

Have more questions?
Contact our technical services team for more information about our available solutions at rockwool.com/contact