

# EIFS with ROCKWOOL™ Stone Wool Insulation

Exterior Insulation and Finish Systems (EIFS) with ROCKWOOL stone wool insulation provide added performance to traditional systems that use rigid foam. Superior fire resilience, reliable long-term energy efficiency, moisture control and acoustic comfort are only part of the value a fully engineered facade system with stone wool offers. Always follow the specification and installation instructions from the system holder when designing and constructing code approved assemblies.



### Fire

Noncombustible, Class A (ASTM E84) insulation permitting use of EIFS in non-loadbearing fire-resistance-rated construction and any construction type (IBC Types I through V), without height or setback limitations



### Moisture

Contributes toward EIFS that allow for a high degree of drying potential and meets industry standards for drainage efficiency (ASTM E2273) using standard adhesive ribbons



### Durability

Proven impact resistance that meets or exceeds industry standards (ASTM E2486), stone wool provides a stable substrate and is also resistant to termites



### Acoustics

Improved acoustic dampening for a quieter environment, with third-party tested solutions for wood- and steel-frame construction with values up to STC 52 and OITC 36.



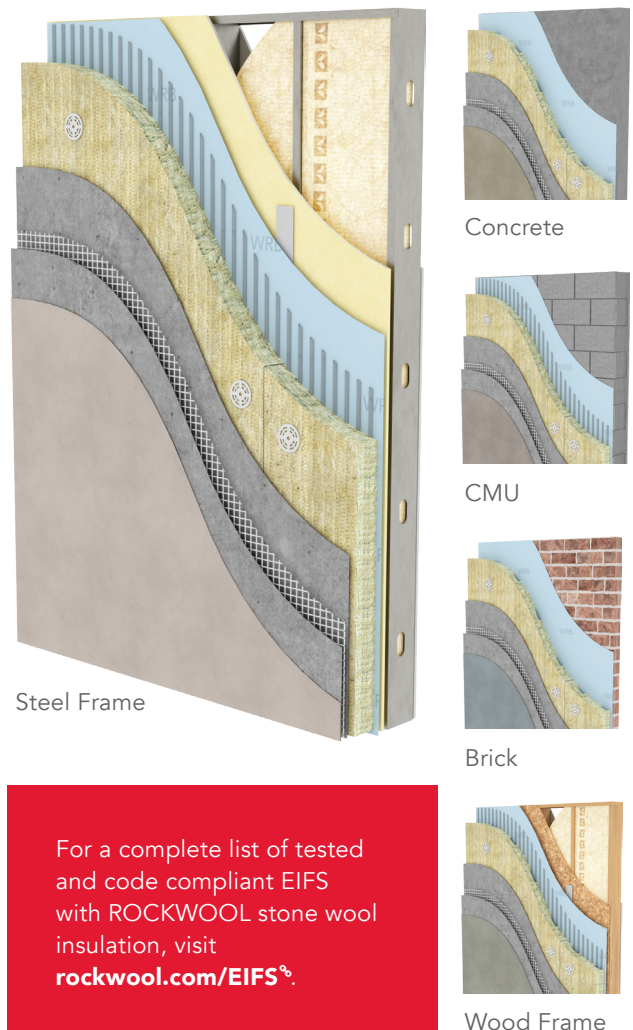
### Thermal Performance

ROCKWOOL Frontrock™ provides a stable R4 per inch and maintains its thermal performance over the lifetime of the building.



### By Nature

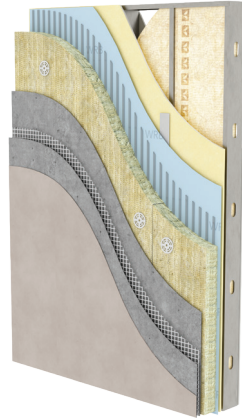
Manufactured from one of the world's most abundant raw materials without the use of blowing agents or toxic flame retardants, EIFS with stone wool contributes towards LEED credits for your project



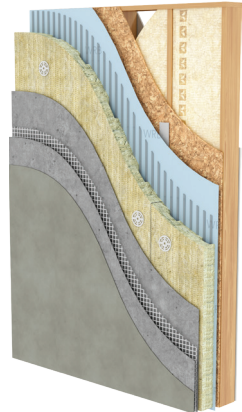
For a complete list of tested and code compliant EIFS with ROCKWOOL stone wool insulation, visit [rockwool.com/EIFS](http://rockwool.com/EIFS).

## EIFS Acoustic Rated Assemblies

Specify and install Exterior Insulation and Finish System assemblies that offer advanced acoustic dampening without sacrificing the thermal performance and aesthetic benefits. This can contribute to a more comfortable and peaceful indoor environment, especially in noisy urban areas or near high-traffic zones.



Steel Framed Wall Assemblies				
Interior Finish	min. 5/8in. Gypsum Board		min. 5/8in. Gypsum Board	
Framing (Steel Studs)	min. 6in., 20GA or thinner, spaced min.16in. o.c.		min. 3-5/8in., 18GA or thinner, spaced min.16in. o.c.	
Cavity Insulation	<b>min. 6in. Comfortbatt</b>	None	<b>min. 3.5in. Comfortbatt</b>	None
Sheathing	min. 5/8in. glass mat gypsum		min. 1/2in. glass mat gypsum	
WRB	Air/Water-resistive Barrier		Air/Water-resistive Barrier	
Adhesive/ Drainage	Adhesive Ribbons*		Adhesive Ribbons*	
Continuous Insulation	<b>min. 2in. ROCKWOOL Frontrock</b>		<b>min. 1.5in. ROCKWOOL Frontrock</b>	
Insulation Attachment	High density plaster washers**		High density plaster washers**	
Base Coat & Mesh	4 oz. glass fiber mesh embedded into base coat		4 oz. glass fiber mesh embedded into base coat	
Finish Coat	One-component polymer-modified		One-component polymer-modified	
STC	51	47	50	45
OITC	36	33	35	30



Wood Framed Wall Assemblies				
Interior Finish	min. 5/8in. Gypsum Board		min. 1/2in. Gypsum Board	
Framing (Wood Studs)	min. nominal 2x6, spaced min. 16in. o.c.		min. nominal 2x4, spaced min. 16in. o.c.	
Cavity Insulation	<b>min. 5.5in. Comfortbatt</b>	None	<b>min. 3.5in. Comfortbatt</b>	None
Sheathing	min. 1/2in. OSB (or similar structural wood sheathing)		min. 7/16in. OSB (or similar structural wood sheathing)	
WRB	Air/Water-resistive Barrier		Air/Water-resistive Barrier	
Adhesive/ Drainage	Adhesive Ribbons*		Adhesive Ribbons*	
Continuous Insulation	<b>min. 2in. ROCKWOOL Frontrock</b>		<b>min. 1.5in. ROCKWOOL Frontrock</b>	
Insulation Attachment	High density plaster washers**		High density plaster washers**	
Base Coat & Mesh	4 oz. glass fiber mesh embedded into base coat		4 oz. glass fiber mesh embedded into base coat	
Finish Coat	One-component polymer-modified		One-component polymer-modified	
STC	49	47	49	46
OITC	35	32	31	29

\* Base Coat applied to entire surface of ci using stainless-steel notched trowel with 1/2in. by 1/2in. notches and creating ribbons spaced 2in. apart

\*\*1-3/4in. diameter, used in combination with corrosion-resistant screws suitable for the substrate (9 per board)

**Need help estimating the acoustic performance of your next wall assembly?**  
Contact our Building Science experts for support.  
Visit [rockwool.com/buildingscience](https://rockwool.com/buildingscience).

## ROCKWOOL Frontrock®

ROCKWOOL Frontrock stone wool EIFS boards are engineered to help reduce base coat consumption, provide rigid surface resistance against accidental impact, and adapt to irregularities of the wall in mechanically-fastened EIFS.

- Manufactured with tight dimensional tolerances, Frontrock has been engineered based on 25+ years of ROCKWOOL EIFS experience globally
- Incorporates a supplementary level of quality control during the manufacturing process to maximize board consistency and quality
- Easy to handle, cut, and install for field and panelized applications
- Frontrock has a Red List Approved Declare label, and an HPD, supporting green building practices
- Designed for use with EIFS for new construction and retrofit projects including as an overcladding solution



## SKU Profile

ROCKWOOL Frontrock is available in two versions. The monolithic density offers consistent compressive strength throughout the board, and is always used below 2.5" thicknesses. The dual density design is unique to ROCKWOOL and helps to reduce board weight for improved job site handleability during installation.

Product #	Density	Thickness	Width	Length	R-value
293391	Monolithic Density	1.50"	24"	48"	6.0
293445	Monolithic Density	2.00"	24"	48"	8.0
293443	Monolithic Density	2.50"	24"	48"	10.0
293397	Monolithic Density	3.00"	24"	48"	12.0
293395	Monolithic Density	4.00"	24"	48"	16.0
293393	Monolithic Density	5.00"	24"	48"	20.0
367924	Monolithic Density	6.00"	24"	48"	24.0
284222	Dual Density	2.50"	24"	48"	10.0
284216	Dual Density	3.00"	24"	48"	12.0
284219	Dual Density	3.50"	24"	48"	14.0
284223	Dual Density	4.00"	24"	48"	16.0

**Need sample material for a product review or mock-ups?**  
Visit [rockwool.com/ordersamples](https://rockwool.com/ordersamples) or contact your local ROCKWOOL representative for more information.

# EIF System Manufacturer Partnerships

Through partnerships with EIFS manufacturers within the North American market, ROCKWOOL Frontrock is the leading noncombustible insulation in various code-approved, EIFS with drainage systems. These systems provide a noncombustible substrate, are drainage compliant per ASTM E2273, and meet the requirements within ASTM E2568 as outlined by both the International Building Code (IBC) and International Residential Code (IRC).

Below are system manufacturers with EIFS containing ROCKWOOL Frontrock in the USA. Follow the component and specification details from the EIFS manufacturer when designing and constructing an EIFS assembly.

## Sto Systems

StoTherm® ci Mineral

## LaHabra Pebbletex Vulcan NC

Parex WaterMaster NC

## Dryvit Outsulation

Outsulation® Mineral Wool System

## Master Wall

Rollershield Drainage CIFS® type MW

## Sika Facades

Senergy Senerflex Vulcan NC

## EIFS Fireblocking Solutions

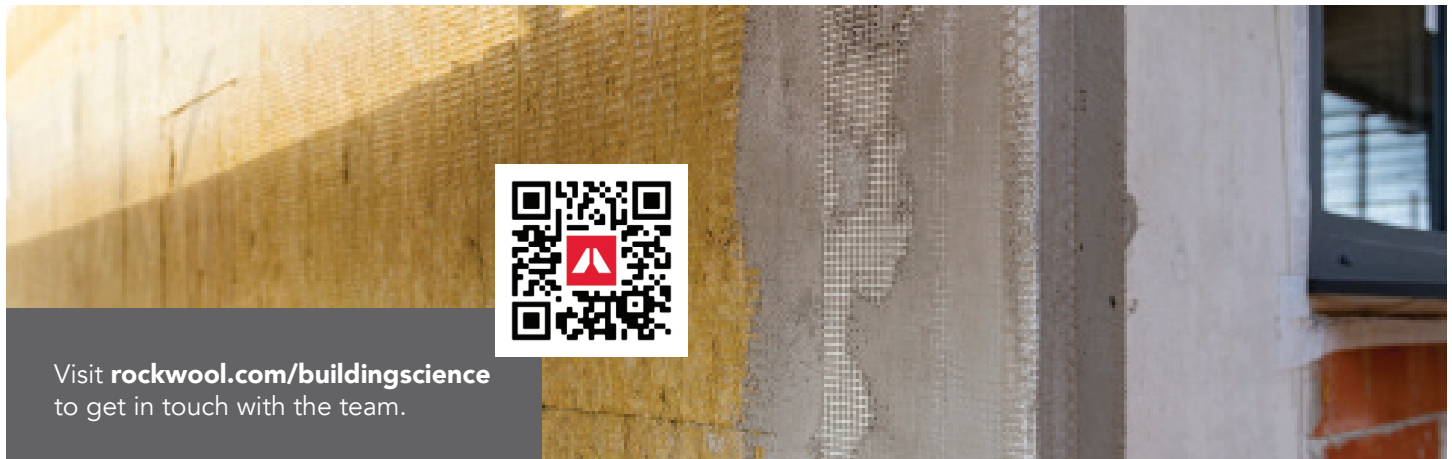
Sto systems: Sto Fireblocking



For links to all EIF systems incorporating ROCKWOOL Frontrock, visit [rockwool.com/EIFS/#systems](https://rockwool.com/EIFS/#systems)

To help meet stringent code requirements for fireblocking in EIFS assemblies, ROCKWOOL Frontrock can be used as a component in EIF systems that incorporate noncombustible fireblocking in their design.

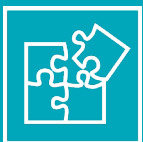
These systems meet the 2022 New York City Building Code, Section 718.2.6. requirements for exterior wall assemblies.



Visit [rockwool.com/buildingscience](https://rockwool.com/buildingscience) to get in touch with the team.

## ROCKWOOL Building Science

The ROCKWOOL and Rockfon Building Science teams offers comprehensive, multi-disciplinary product and application support to help you overcome your design and constructability challenges.



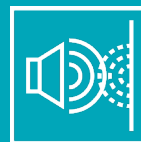
Technical and Design Support



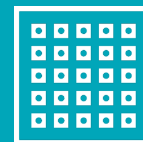
Thermal Analysis



Moisture Transfer Analysis



Acoustic Analysis



Ceiling Design