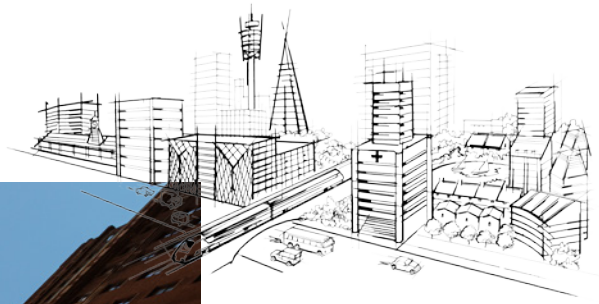
AFB evo™

Acoustical Fire Batt Insulation



VALIDATED

- PRODUCT IS FORMALDEHYDE FREE

UL.COM/ECV

ROCKWOOL AFB evo™ is a lightweight, acoustical fire batt stone wool insulation for steel stud interior wall and floor applications. This no added formaldehyde insulation provides superior sound absorbency and fire protection that contribute to the overall comfort and safety of occupants.

It provides increased density that reduces sound transmission. Greater noise control is further achieved when AFB® is part of the wall assembly along with gypsum boards and resilient channels.

AFB evo™ is non-combustible and will not develop toxic smoke or promote flame spread, even when directly exposed to fire. This helps to provide valuable extra time for people to reach safety and for fire services personnel to control the spread. It is a key component of fire-rated partitions.

AFB evo™ comes in a number of thicknesses to meet the requirements of both retrofit and new construction applications.

Learn more at rockwool.com

Greener Building

ROCKWOOL AFB evo™ is UL validated to be Formaldehyde Free and LBC compliant with the Declare Product Transparency Label Database.

ROCKWOOL™

AFB evo™
Acoustical Fire Batt Insulation

Technical Data Sheet

Batt Insulation 07210 & 09820* • Blanket Insulation 07 21 16**
Acoustical Blanket Insulation 09 81 16**

ROCKWOOL AFB evo™ is a no added formaldehyde stone wool batt insulation for interior partitions in commercial constructions where superior fire resistance and acoustical performance is required. ROCKWOOL AFB evo™ is UL validated to be Formaldehyde Free.

	Performance	Test Standard
Compliance	Mineral Fiber Thermal Insulation for Buildings, Type 1 Compliant	CAN/ULC S702
	Mineral Fiber Blanket Thermal Insulation, Type 1 Compliant	ASTM C665
Reaction to Fire	Flame spread index = 0; Smoke developed index = 0	ASTM E84 (UL 723)
	Flame spread index = 0; Smoke developed index = 0	CAN/ULC S102
	Determination of Non-combustibility of Building Materials - Non-combustible	CAN/ULC S114
	Behavior of materials at 750°C - Non-combustible	ASTM E136
Density	Actual Density at thicknesses ≥ 3" (76.2 mm) - 2.5 lbs/ft³ (40 kg/m³)	ASTM C303
	Actual Density at thicknesses < 3" (76.2 mm) - 2.8 lbs/ft³ (45 kg/m³)	
Corrosion Resistance	Corrosion of Steel - Passed	ASTM C665
Thickness Dimensions	1" through 4" (25.4 mm - 101.6 mm) in 1/2" increments as well as 5" (127 mm) and 6" (152.4 mm) 16" x 48" (413 mm x 1219 mm), 24" x 48" (610 mm x 1219 mm)	
Acoustical Performance		ASTM C423
	Please contact ROCKWOOL for STC ratings on tested wall assemblies	ASTM E90
Fire Rated Designs	ULC Classification Code: BZJZC UL Classification Code: BZJZ	

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC
1.0"	0.14	0.25	0.65	0.9	1.01	1.01	0.7
1.5"	0.18	0.44	0.94	1.04	1.02	1.03	0.85
2"	0.28	0.6	1.09	1.09	1.05	1.07	0.95
3"	0.52	0.96	1.18	1.07	1.05	1.05	1.05
4"	0.86	1.11	1.2	1.07	1.08	1.07	1.1

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NOTE: *Master Format 1995 Edition **Master Format 2004 Edition. As ROCKWOOL has no control over installation design and workmanship, accessory materials or application conditions, ROCKWOOL does not warranty the performance or results of any installation containing ROCKWOOL's products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

ROCKWOOL™

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