BASALT WOOL

TECHNICAL DATA SHEET

BASALT WOOL VENT PRO

Product Description

Basalt Wool VENT PRO consists of non-combustible mineral wool boards designed for thermal and acoustic insulation in ventilated façade systems. Manufactured from basalt rock fibers, the product provides excellent fire resistance, moisture stability, and long-term performance.

DIMENTIONS	WIDTH	44” (1118mm)
	HEIGHT	24” (609mm)
THICKNESS	1½” ~ 7” (38mm~180mm)	
DENSITY	3.75 ~ 7.49 lbs/ft^3 (60 ~ 120 kg/m^3) ASTM C303	
REACTION TO FIRE	Flame Spread Index=0, Smoke Developed Index=0 ASTM E-84	
THERMAL RESISTANCE	R-Value/inch = 4.05 hr.ft^2.F/Btu ASTM C-518	
WATER ABSORPTION	SHORT TERM	No More Than 0.20 lbs/ft^2
	LONG TERM	No More Than 0.61 lbs/ft^2

R-Value By Thickness

THICKNESS	MM	38	50	65	75	100	130	150	180
	INCH	1$^{1/2”}$	2”	2$^{1/2”}$	3”	4”	5”	6”	7”
R-VALUE		6.07	8.1	10.12	12.15	16.2	20.25	24.3	28.35

Key Features & Benefits

- Non-combustible, fire-safe material.
- Excellent thermal insulation.
- High acoustic absorption.
- Resistant to moisture; performance unaffected by humidity.
- Durable—service life exceeds 50 years.
- Eco-friendly and chemically stable.
- Rodent- and mold-resistant.
- Easy to install and supplied in user-friendly packaging.

*Additional thicknesses and densities available upon request

