

# BOSE

Green Building Solutions

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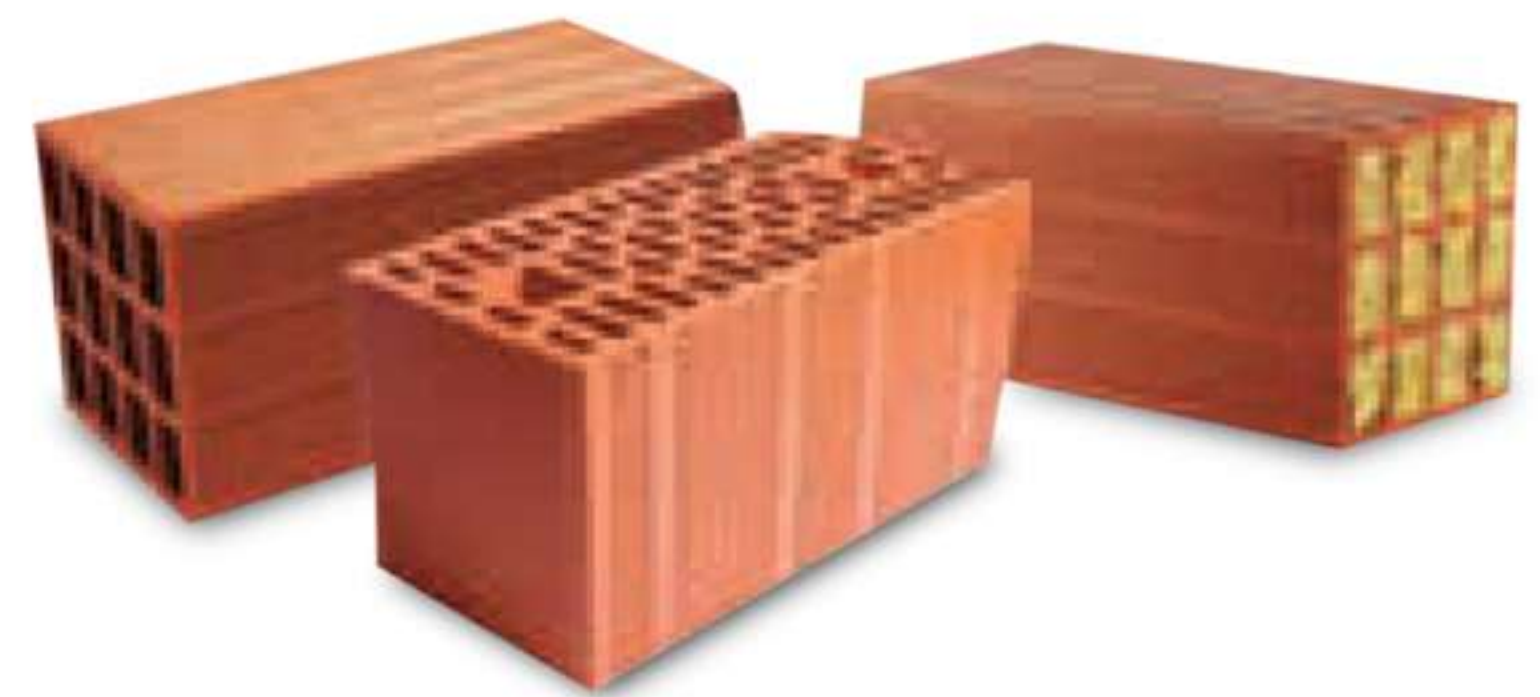
# Green Building Solutions

"Our trusted source for AAC blocks and Wienerberger Porotherm bricks, is committed to elevating construction standards sustainably. We distribute top-quality building materials that are eco-friendly, durable, and energy-efficient, ensuring your projects

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**BOSE TRADERS**

Near Paliyekkara toll, Thalore, Thrissur, Kerala, India, 680306




 **High Compressive Strength**

 **No Cracks**

 **High Thermal Insulation**

 **Energy Savings & Comfortable Living**

 **European Technology**

 **Low Water Absorption And No Dampness**

 **Lasts For Generations**

 **100% Natural Sustainable Building Material**



**Ease of electrical and plumbing conduiting**



# Wienerberger

200 YEARS | 215 PLANTS | 28 COUNTRIES



### Porotherm HP Product Parameters

Name	Length	Width	Height	Weight	Density	Compressive Strength	Water Absorption	Efflorescence*	U-Value	Sound Insulation	Fire Resistance
	MM	MM	MM	Kg.	Kg/m <sup>2</sup>	N/mm <sup>2</sup>	%		W/m <sup>2</sup> K	Rw (db)	min
Porotherm HP 200	400	200	200	11.1	694	≥3.5	~15	Slight	1.0	44.08	240
Porotherm HP 150	400	150	200	8.8	733				1.2	41.90	120
Porotherm HP 100	400	100	200	6.3	788				1.7	38.75	90
Porotherm HP 200H	200	200	200	5.6	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks
Porotherm HP 150H	200	150	200	4.4							
Porotherm HP 100H	200	100	200	3.2							



### Porotherm VP Clay bricks

Name	Length	Width	Height	Weight	Strength	Density	Water Absorption	Efflorescence	U-Value	Sound Insulation	Fire Resistance
	MM	MM	MM	Kg.	N/mm <sup>2</sup>	kg/m <sup>2</sup>	%		W/m <sup>2</sup> K	Rw (db)	min
Porotherm VP 200	400	200	200	12.2	≥7	750-850	≤20	Slight	1.3	45.69	240
Porotherm VP150	400	150	200	10.1					1.7	43.48	120



### POROTHERM EXTERIA FB - Product Parameters

NAME	Length	Width	Height	Weight	Density	Compressive Strength	Water Absorption	Efflorescence	U-Value	Sound Insulation	Fire Resistance
	MM	MM	MM	Kg	Kg/m <sup>3</sup>	N/mm <sup>2</sup>	%	N/mm <sup>2</sup>	W/m <sup>2</sup> K	Rw(dB)	min
POROTHERM EXTERIA FB 200	400	200	200	11.0	688	≥3.5	~ 15	Slight	1.0	46	240
POROTHERM EXTERIA FB 150	400	150	200	8.7	725				1.2	43	120
POROTHERM EXTERIA FB 200H	200	200	200	5.5	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks
POROTHERM EXTERIA FB 150H	200	150	200	4.4							

# PROJECTS

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SCHOOL PROJECT



RESIDENTIAL PROJECT



RESIDENTIAL PROJECT



STEEL STRUCTURED RESORT BUILDING



IDENTITY TOWERS, KUNDANOR HIGHWAY



GRAND HYATT



GOOD EARTH- MODERN TIME



RESIDENTIAL PROJECT



RESIDENTIAL PROJECT



ISCON TEMPLE



RESIDENTIAL PROJECT



PRAYER SANCTUM



**BUILDING ACCURACY**



**THERMAL INSULATION**



**SUPERIOR ACOUSTIC INSULATION**



**FASTER CONSTRUCTION**



**FIRE RESISTANT**



**LIGHT WEIGHT**

**Advantages**

**Renacon<sup>®</sup>**  
**AAC BLOCKS**  
Lighter • Stronger • Superior



## Technical Data

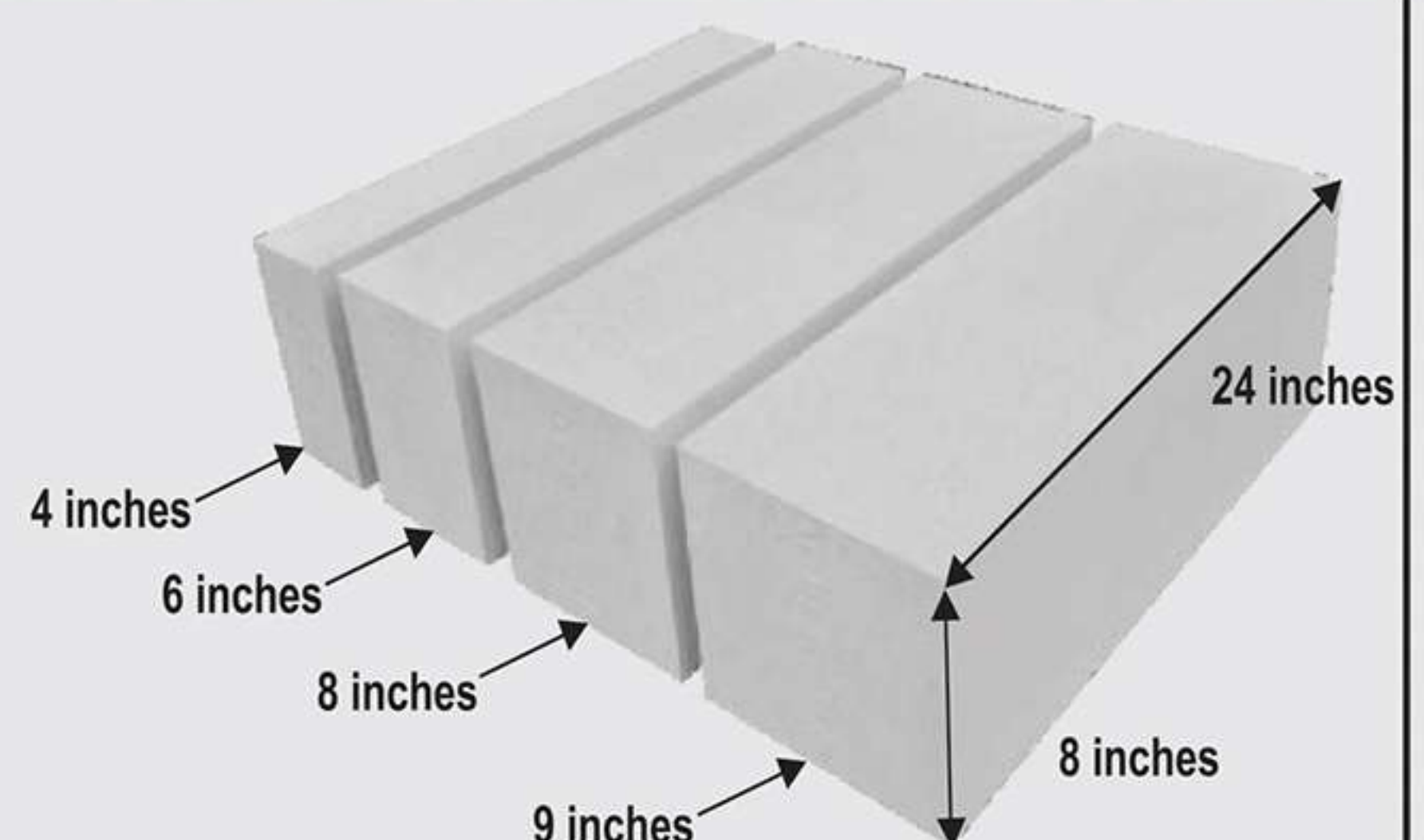
Renacon block sizes	600 mm L x 200 mm H x 100 to 300 mm W
Compressive Strength	Above 4 N/mm <sup>2</sup>
Fire Resistance	4 - 6 hrs depending on thickness of wall
Dry Density	550 - 650 kg / m <sup>3</sup>
Sound	37 - 42db for 200 mm thickness block
Thermal Conductivity	0.122 W / (M - K)
Color	Light Grey

## DIFFERENT SIZE AND WEIGHT OF RENACON BLOCKS:

SIZE	M <sup>3</sup> / Block	Wt / Block
600 * 200 * 100 mm	0.012	9 kg
600 * 200 * 150 mm	0.018	13 kg
600 * 200 * 200 mm	0.024	18 kg
600 * 200 * 225 mm	0.027	20 kg

**RENACON AAC BLOCKS IS CERTIFIED BY ISI (IS 2185 PART 3)**

**CONSTRUCTION USING RENACON AAC BLOCKS WILL ENSURE 6 - 7 LEED GREEN BUILDING CERTIFICATION POINTS**



# PROJECTS



LULU MALL, TVM



STEEL STRUCTURED CONVENT BUILDING AT THRISSUR



HOSPITAL @ THRISSUR



RESIDENTIAL PROJECT AT THRISSUR



RESIDENTIAL PROJECT AT THRISSUR



PALAKKAD MEDICAL COLLEGE



RESIDENTIAL PROJECT AT THRISSUR



RESIDENTIAL PROJECT AT THRISSUR



RESIDENTIAL PROJECT AT THRISSUR



RENOVATION AT THRISSUR



RESIDENTIAL PROJECT AT THRISSUR



COLLEGE AT THRISSUR



RENOVATION AT THRISSUR

# OTHER PRODUCTS

## CLAY JALLY



## RED BRICKS



MARUTHI ROOF  
TILES

CHENKALLU



READY MIX PLASTERING  
MATERIAL



TILE ADHESIVES



CEMENT BASED UNSANDED  
GROUT



AAC JOINT MORTAR



COARSE & FINE WALL  
PUTTY

# CERTIFICATES

