

# Extir® B 5000 AE

Expanded Polystyrene

Versalis S.p.A.

## Message:

Extir B 5000 AE is a flame retardant expandable polystyrene in the form of spherical beads of medium-large particle size, containing pentane as blowing agent. Extir does not contain CFC or HCFC.

Extir B 5000 AE is used for production of medium density blocks for the thermal insulation sector. This grade is characterised by fast moulding cycles, good fusion and low energy needs. The cut board exhibits high mechanical strength and good surface finishing.

Extir B 5000 AE is used mainly in the construction sector where, for legislative or safety reasons, the use of a flame retardant material is required.

Typical applications are:

blocks, especially for external thermal insulation

medium / high density elastified blocks for impact sound absorption (Trittschall)

void formers, trough formers and culvert formers cut from block

blocks or slabs for road foundations and civil construction

General Information		
Additive	Blowing Agent 2	
	Flame Retardant	
Features	Expandable	
	Fast Molding Cycle	
	Flame Retardant	
	Good Strength	
	Good Surface Finish	
	Thermally Insulating	
Uses	Acoustic Barrier	
	Building Materials	
	Construction Applications	
Agency Ratings	DIN 4102/B1	
Forms	Spheres	
Physical	Nominal Value	Unit
Density	0.0160 to 0.0300	g/cm <sup>3</sup>
Apparent Density		
-- <sup>1</sup>	0.02	g/cm <sup>3</sup>
--	0.59 to 0.63	g/cm <sup>3</sup>
Particle Size	0.900 to 1.60	mm
NOTE		
1.	on a continuous pre-expander after one expansion	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT