

Extir® GEO 3000 AE

Expanded Polystyrene

Versalis S.p.A.

Message:

Extir PD GEO 3000 AE is a flame-retardant expandable polystyrene in the form of spherical beads of medium particle size, containing pentane as blowing agent.

Extir does not contain CFC or HCFC.

Extir PD GEO 3000 AE is used for production of moulded boards or blocks for the insulation of building foundations and is characterised by low water absorption by vapour diffusion (EN 12088). It also exhibits excellent processing characteristics and high mechanical strength.

Extir PD GEO 3000 AE is used in buiding sector.

Typical applications are:

insulation of building foundations

underground wall insulation

For such applications a low water absorption by vapour diffusion is highly recommended. Laboratory trials have demonstrated that with Extir PD GEO 3000 AE, under controlled processing conditions, it is possible to obtain items with particularly low values of water absorbption (class Wd(V)3 in Table 9 of EN 13163).

General Information		
Additive	Blowing Agent 2	
	Flame Retardant	
Features	Expandable	
	Flame Retardant	
	Good Processability	
	High Strength	
	Low to No Water Absorption	
Uses	Building Materials	
	Construction Applications	
	Insulation	
Agency Ratings	DIN 4102/B1	
Forms	Spheres	
Physical	Nominal Value	Unit
Density	0.0200 to 0.0350	g/cm ³
Apparent Density		
-- ¹	0.02	g/cm ³
--	0.59 to 0.63	g/cm ³
Particle Size	600 to 1000	µm
NOTE		
1.	on a continuous pre-expander after one expansion	

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