



Versalis Extir® CM Galileo Europa 5 GOLD AE

EPS

Technical Data Sheet
Expandable Polystyrene

Flame retardant

Versalis Extir® CM Galileo Europa 5 GOLD AE is a self-extinguishing, black expandable polystyrene with excellent insulation properties. The beads of Versalis Extir® CM Galileo Europa 5 GOLD AE have a narrow dimensional distribution and a reduced content of blowing agent. Versalis Extir® CM Galileo Europa 5 GOLD AE contains an atherman additive that minimizes heat conduction, which gives the best thermal insulation properties to the manufactured products. Versalis Extir® CM Galileo Europa 5 GOLD AE is not suitable for food contact.

Technical Information

	Unit	CM Galileo Europa 5 GOLD AE
Bulk density	kg/m ³	590 - 630
Beads size	mm	0,9 - 1,8
Typical pentane content	%	< 6
Minimum apparent density		
• After one expansion	kg/m ³	16
• After two expansions	kg/m ³	12
Usual density range	kg/m ³	12 - 25

For more information, please refer to the technical bulletin "EXTIR® for building"

Applications

Versalis Extir® CM Galileo Europa 5 GOLD AE achieve excellent performance in application of:

- Insulation of external walls
- Insulation of walls and cavity
- Roof insulation





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Processing

Versalis Extir® CM Galileo Europa 5 GOLD AE range products can be processed in three steps.

Pre-expansion	Versalis Extir® CM Galileo Europa 5 GOLD AE can be pre-expanded to the densities indicated above with common continuous or discontinuous expanders.
Maturazione	The aging time of the expanded beads is between 10-48 hours. It may vary according to the desired density and climate conditions.
Stampaggio	It can be molded in any type of EPS press or block in a wide range of vaporization conditions.

Certifications

✓ Euroclass E, ✓ LNE,

Versalis Extir® CM Galileo Europa 5 GOLD AE is officially certified Euroclass E EN 13501-1, compliant with EN 13163 Annex E. For the products bearing French certification (LNE) certificates are provided on request. The flame-retardant properties of the finished product are effective only after blowing agent removal and after a proper aging time.

Storage



Keep the product in a dry well-ventilated store between 15 and 20°C.



For product packaged in octabins and stored correctly, the guaranteed shelf-life is one month from delivery.



Versalis Extir® CM Galileo Europa 5 GOLD AE molded panels and products should not be exposed to direct sunlight or wrapped in plastic film. We strongly recommend using opaque or white packaging.

