



Versalis Extir® CM Galileo Europa 5 GOLD

EPS

Technical Data Sheet
Expandable Polystyrene

Versalis Extir® CM Galileo Europa 5 GOLD is a black expandable polystyrene with excellent insulation properties. The beads of Versalis Extir® CM Galileo Europa 5 GOLD have a narrow dimensional distribution and a reduced content of foaming agent. Versalis Extir® CM Galileo Europa 5 GOLD 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 is not suitable for food contact.

Technical Information

	Unit	CM Galileo Europa 5 GOLD
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 achieves excellent performance in applications of:

- Cavity insulation
- Thermal acoustic panels coupled to plasterboard (doublage)





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Processing

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

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

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 molded panels and products should not be exposed to direct sunlight or wrapped in plastic film. We strongly recommend using opaque or white packaging.

