



# 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 <sup>3</sup>	590 - 630
Beads size	mm	0,9 – 1,8
Typical pentane content	%	< 6
Minimum apparent density		
• After one expansion	kg/m <sup>3</sup>	16
• After two expansions	kg/m <sup>3</sup>	12
Usual density range	kg/m <sup>3</sup>	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)



# Versalis Extir® CM Galileo Europa 5 GOLD

EPS




Technical Data Sheet  
Expandable Polystyrene

## Processing

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

<b>Pre-expansion</b>	Versalis Extir® CM Galileo Europa 5 GOLD can be pre-expanded to the densities indicated above with common continuous or discontinuous expanders.
<b>Aging</b>	The aging time of the expanded beads is between 10 and 48 hours. It may vary according to the desired density and climate conditions.
<b>Molding</b>	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.

## Safety

During the processing of Expandable Polystyrene, an explosive atmosphere may be generated due to air / pentane mixtures. For this reason, all possible causes of ignition such as open flames or sparks must be avoided, it is necessary to work in adequately ventilated places and a smoking should be forbidden. Adequate electrical grounding of machinery and of pneumatic conveyance lines is recommended. For further information relating to storage, packaging and processing precautions, please refer to the Technical Bulletin "Styrenics - Technical data sheets" and to the "Versalis Extir® CM Galileo Safety Data Sheets".

The information and data presented herein are, to our knowledge, truthful and accurate, but no warranty is given, express or implied, nor does it accept any responsibility with respect to the use of such data.

® Registered Trademark