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PRESS RELEASE

COIM broadens its Isoexter-E range with polyols containing up to 100% of renewable raw materials for the production of insulating materials

Milan, 25.5.2022 - **C.O.I.M. S.p.A.**, an Italian multinational company producing specialty chemicals since 1962 and operating worldwide with nineteen manufacturing and trading companies, broadens its range of **Isoexter-E** products, polyols containing **up to 100% of renewable raw materials**, used for the production of **polyurethane insulation materials**.

"The building and construction industry is undergoing major transformations and is strongly oriented towards increasingly sustainable products with ever-decreasing CO₂ emissions. Energy saving is a top-priority goal in Europe, and the building industry, which accounts for approximately 40% of energy consumption and CO₂ emissions, can make an enormous contribution", explains **Alessandro Gallipoli**, **COIM Isoexter R&D Manager**. "COIM, ahead of its times, has offered, for over 20 years now, polyols made with recycled raw materials derived from post-consumption waste, in particular PET (polyethylene terephthalate) bottles, thus helping to create a circular economy. Today, due to its ongoing commitment to research and development in this field, it has broadened its **Isoexter-E** range of products with solutions containing **up to 100% of renewable raw materials** and enabling **CO₂ savings of up to 80%**. In other words, polyurethane insulation materials made with our polyols of renewable origin not only guarantee the same performance and energy saving advantages typical of these materials, but also a more eco-friendly life cycle".

COIM polyols of renewable origin: key advantages throughout the life cycle of polyurethane insulation products

"For the raw materials used to manufacture Isoexter-E products, COIM uses renewable resources coming from non-food crops, characterized by short regeneration times and lower CO₂ values. In this way, their procurement does not affect the supply chain of food for humans or animals, so the sustainability of these solutions is guaranteed", explains **Andrea Stefani**, **COIM Isoexter Marketing manager for Europe and the Middle East**.

The thermal insulation sector represents about 17% of COIM's total business. "It is a constantly growing market, both in Europe and on non-European markets. This is because, compared to other insulating materials, polyurethane is one of the solutions with the best insulating and fire-resistant performance. With its new range of Isoexter-E polyols, COIM is contributing to strengthen the competitive edge of its trade partners, as the market is

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demanding not only excellent insulating performance but also an increasingly sustainable life cycle of the product", explains **Andrea Stefani**.

Polyurethane rigid foam is the insulating material that – thickness being equal – guarantees the best performance, with a stable thermal conductivity value between 0.022 and 0.028 W/mK, depending on the type of foam and the type of coating. This characteristic ensures high thermal insulation with significantly reduced thicknesses compared to other insulating materials. The use of polyurethane also allows savings on the quantity of material used for the insulation – a considerable advantage in terms of space and preservation of the square metres available for use, especially in cases of renovation of facades, roofs or insulation from inside, for which often there is not enough room to install bulky insulation solutions.

C.O.I.M. S.p.A is the brainchild of Mario Buzzella and Cesare Zocchi, two entrepreneurs driven by the same passion for chemistry, who founded the company in 1962 to meet the increasing demand for chemicals resulting from a booming economy.

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60 years later, COIM Group has become an Italian multinational company that develops, produces, and sells chemical specialities for the manufacturing industry worldwide. It ensures local presence through nineteen companies - 10 of which are production sites - in Italy, Germany, Russia, Turkey, Singapore, China, India, USA, Brazil, Mexico, Chile, Colombia, Spain, Austria, and the Netherlands.

Over 1,200 specialised collaborators are committed to meeting customers' expectations with three main product families:

- Polyesters and polyols;
- PU Case: coatings, adhesives, sealants, and polyurethane-based elastomers;
- Polyesters and special resins.

COIM can meet technical, commercial, and logistics needs of customers located in ninety countries for a turnover of 1 billion euros. This is possible thanks to its integration of raw materials, focus on polyurethane systems, a wide and diversified offering - 18 product ranges from polyesters to PU systems -, and a large production capacity.

COIM Group focuses on continuous and sustainable development based on corporate values, such as care and respect for people and the environment.

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