

Press Release

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Apleona

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Apleona Equips new 3M Production Building with Building and Energy Technology

The diversified company 3M has commissioned Apleona Wolfferts Gebäudetechnik as the technical general contractor for the technical building equipment of a new production building in Hilden, Germany. This involves both the planning and implementation of the heating, sanitary, refrigeration, and ventilation systems as well as instrumentation and control technology. At this new production site, 3M intends to manufacture films as supplier components across a total area of approximately 2750 m².

3M has commissioned Apleona Wolfferts several times before to produce sophisticated building technology equipment. The project in Hilden, Germany is scheduled for completion at the end of 2020. In order to adhere to the ambitious timetable despite the coronavirus pandemic, Apleona Wolfferts has doubled both the project management and construction management team.

To meet the high demands on supply reliability, efficiency, and sustainability of the future 3M film production facility, Apleona Wolfferts is installing particularly energy-efficient refrigerators for interior air and production refrigeration with an integrated free-cooling system. Due to higher sound-proofing requirements, the refrigerators are clad with high-performance sound-proofing modules to keep the noise level in the new production facility to a minimum. The two refrigerators have a cooling capacity of 810 and 993 KW and are hydraulically redundant. However, the cold water circuits can be connected to each other if required thanks to a hydraulic transition circuit to ensure high production cooling reliability.

The client 3M, the Arcadis project management team, co-general contractor Mainka, and Wolfferts as the technical building services general contractor are working closely together to facilitate the ambitious schedule and seamless processing for the construction of the new production facility.

Image: 3M site in Hilden © 3M

About Apleona

Apleona is a leading European real-estate services provider based in Neu-Isenburg near Frankfurt. Over 20,000 employees in more than 30 countries operate, manage, expand and equip real estate in all asset classes, operate and maintain plant and assist customers in a whole host of industries with production and secondary processes. The Group's range of services extends from integrated facility management, building technology and interior fittings to real-estate management with all commercial services, letting and leasing of real estate. All services are provided on a modular basis or in an integrated package. In a regional or supra-regional account structure according to customer requirements, country-specific and service-specific operating companies ensure optimum performance and a uniformly high standard of quality across national borders. Apleona's customers include leading industrial companies, investment funds, insurance companies, banks, the public sector, developers, owners and users.

About 3M

At 3M, we apply science in collaborative ways to improve lives daily. With \$32 billion in sales, our 96,000 employees connect with customers all around the world. Learn more about 3M's creative solutions to the world's problems at www.3M.com or on Twitter @3M or @3MNews.3M