

KLIPPAN – ANDRENPLAST PLANT

INDUSTRIAL CONSTRUCTION



CONSTRUCTION OF A PRODUCTION AND WAREHOUSE BUILDING WITH AN OFFICE AREA, STORAGE SHED, LAND DEVELOPMENT AND A RETENTION RESERVOIR IN THE STARGARD ECONOMIC ZONE

The contract included the design and construction of a single-storey production and warehouse hall using a reinforced concrete prefabrication system along with a two-storey social-office building, a one-story gatehouse and an enclosed storage shed. The facility was equipped with a number of modern installations, such as, external utilities and connections with a retention reservoir, coalescence separator and rainwater pumping station, as well as internal water and sewage installations using the Geberit Pluvia siphonic rainwater drainage system, fire protection with a pressure booster system, as well as central heating and technological heating with heat recovery systems from ALUP Largo 36 and Allegro compressors. In the field of fire safety, the facility was equipped with a NOVEC 1230 gas extinguishing system with an IGNIS 1520M detection and extinguishing unit. The plant has an efficient mechanical ventilation system with supply and exhaust air handling units installed as well as a heat and cold recovery exchanger. The office area is equipped with air-conditioning with direct evaporation of refrigerant from a modular condensing unit and reversible aggregates (heat pumps). Additionally, a chilled water system along with an aggregator were installed. The scope of electrical work - apart from the power installation with two transformer stations - also included modern LED lighting, charging and heating stations for electric cars and low voltage installations: access control, SAP system, SSWIN intrusion and burglary detection system and CCTV surveillance. Usable area of building exceeded 18,845 m².

INVESTOR: KLIPPAN SAFETY LLC

FORM: DESIGN AND BUILD

VALUE: < 10 mln | 10-20 mln | > 20 mln

PROJECT DATES: May 2017 – August 2018

