



Automobile components industry

More and more car component suppliers are locating closer to their main customers. When new facilities are needed, they are needed fast. So ASTRON is often the supplier of first choice.



This huge 65,000 m² manufacturing plant was built in Gliwice (Poland) in 4 phases between 2004 and 2006. It was constructed to meet a growing demand for ceramic parts for the automotive industry; an industry that is experiencing steady growth throughout Western and Eastern Europe.

A good quality/price ratio and speed of construction convinced the final customer to build with ASTRON. However, also important was the fact that the construction company, Takenaka, had had good experience of building with ASTRON before on projects in the Czech Republic, Hungary and in Poland.

The Japanese architects specified that the structures be re-inforced and planned for future extension; a special water evacuation system was also employed.

The four main buildings are 80m span AZM4 and 40m span AZM2. The erection of each building was accomplished in only 5 months.

Roof designs were calculated to accommodate significant central loadings, numerous ventilators and skylights.

Considering the tough winters of the region, the buildings were well insulated; 120mm fiberglass on the roofs and 100mm in the walls.



Technical details:

Construction year: 2004 - 2006
Type: AZM4, AZM2
Total surface: $\pm 65,000 \text{ m}^2$
Eave height: 7 m
Roof slope: 7.00 %
Roof system: PR panels
Wall system: PA/PI panels

Advantages for the customer:

- Large free spans
- One supplier
- Fast implementation of the project
- Freedom of internal layouts
- Good price/quality ratio
- Excellent quality
- ISO 9001 Certification

Facts:

Builder: Skalski Sp. z o.o / Takenaka
Customer: NGK
Architect: Hiroyuki Kato

A glance on more references...



Automotive parts supplier Faurecia built this 11,000 m² plant in Vigo (Spain) in 2002. In the past 20 years, 15 factories in Europe come from ASTRON. The company produces seating, exhaust systems, doors and other components for various car manufacturers inside the large 36m clear span AZM1.



Ruggerini built a special canopy for Lamborghini in Bologna (Italy) to protect finished vehicles stored on the parking area next to the production plant. This AZM1 covers 2,700 m² and has a free span of 34 m.



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