

Ekol Logistics Sekerpınar Warehouse Facility



>GEBZE / İZMİT, TURKEY<

Introduction

An aesthetic and a fast solution was presented with the corrugated web beams used at the construction of the Ekol Logistics warehouse facility at the Gebze Sekerpınar organized region.

Our company's scope was the design of the entire system and production of the raw SIN profiles. Rest of the production and erection was completed by our İzmit representative Endkon Endüstriyel Tesisler Ltd. between January - April 2007.

Features

The warehouse consists of two buildings with 11000m² and 6000m² ground areas respectively. Frames with one, two and three spans were designed, in which different sections of WTA333, WTA750, WTC750, WTA1000 were used.

The elevation at the corner of the frames is 15.5m and 17.0 at the ridge.

Cross section of the columns and beams are calculated regarding the mezzanine floors, which are planned to be added to the system later.

Benefits

Due to the automatic production of SIN beam line and light weight of corrugated web beams, an optimum tonnage and a construction period was reached at this wide span structure, which will be loaded with mezzanine floor loads later.

Compared to classical solutions, 20% of the total weight and 25% of the construction period was saved by SIN profiles.

Further Information

G. Manager: T. Sadun POLAT

Tel: +90 312 427 51 73

Faks: +90 312 427 51 37

Address: İnan Caddesi Karum İş Merkezi No:21/446 Kavaklıdere 06680 ANKARA, TÜRKİYE

E-Mail: info@zemantr.com

Web: www.zemantr.com

Project Summary

Client: Endkon Endüstriyel Tesisler İnşaat Makina Montaj San. ve Tic. A.Ş.

Duration: January - April 2007

Value: €496,000 + VAT

Area: 17,000m²

Quantities: 470 tons SIN profile
880 tons steel (total)

Project Scope: Design of the entire structure, production of raw SIN profiles

