



SIKA AT WORK

QUESNA WAREHOUSE ROOFING INSULATION

ROOFING: Sika Integrated Roofing System
Sika PU foam® Spray - Sika Raintite®

BUILDING TRUST



QUESNA WAREHOUSE ROOFING INSULATION



PROJECT PARTICIPANTS:

Owner: Quesna Agricultural Development Company
Applicator: Betoproof Engineering Specialized Works Company

For More Projects Information



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QUESNA WAREHOUSE ROOFING INSULATION

PROJECT DESCRIPTION

- Quesna Agricultural Development Company is one of the first-grade companies in the in both agricultural and animal production requirements (seeds - pesticides - fertilizers - feed).
- The company warehouse is a steel structure building located on Alex- Cairo desert rd covered with corrugated sheets.

PROJECT REQUIREMENTS

- An efficient thermal insulation and waterproofing system for the exposed corrugated sheets was needed to protect the storage area.
- Project area: 2000 m2

SPECIAL REQUIREMENTS

- 1- U.V resistant system to be used over the exposed corrugated sheets roof without further protective layers.
- 2- A light weight, easy detailing system that can be applied around the non- uniform roof details without adding extra loads over the structure or hinder the transparency of the skylights area over the roof.
- 3- A fast-applied system that doesn't affect or delay the production process that was going inside the plant.



Sika Solution:

Sika Integrated Roofing System:

- Sika PU Foam® Spray

Is designed for the production of sprayed foams for roof thermal insulation with applied density 50 – 55 kg/m³.

- Sika Raintite®

One component high flexible acrylic emulsion to provide UV resistance, vapor barrier and waterproofing layer for different substrates.

Products Delivered:

- Sika PU foam 9 tons
- Sika Raintite 1 ton

Why Sika:

- The Integrated Roofing system is a comprehensive system comprising of waterproofing and thermal insulation that provide a fully bonded system and lightweight roofing layers while using Sika Polyurethane Foam with the well-known properties of acrylic coating.

