

SIKA AT WORK KONE - ALLEN, TEXAS

SIKAFLOOR® ESD, MORRITEX AND EPOROK LIFT KONE TO A HIGHER LEVEL.

BUILDING TRUST



WITH SIKA'S HELP, KONE ARRIVES AT THE RIGHT FLOORS.

“WE PUT THE FLOORING PROJECTS OUT TO BID WITH FOUR DIFFERENT COMPANIES, AND AWARDED THE PROJECT TO SIKA FLOORING BECAUSE OF THE COST BENEFIT.”

“*What floor?*” is a question often asked in elevators. It was also a question considered when KONE, a global leader in the elevator and escalator industry, built its new facility in Allen, Texas. The building includes three distinct areas: an electronics assembly area, a general warehouse/electrical kit picking area, and a third space for assembly of installation related tool/job boxes. Each area had different flooring requirements. Fortunately, Sika Flooring was able to meet the needs of all three.

“We put the flooring projects out to bid with four different companies, and awarded the project to Sika Flooring because of the cost benefit,” stated Michael Lewis, Manufacturing Manager at KONE. “I was also familiar with Sika adhesives, and I like that it is a global company and known brand name.”

FIRST STOP: SIKAFLOOR ESD CONTROL FLOORING SYSTEM

The first floor to be installed was in the electronics assembly area. “This is where they build control panels, so static control is very important, which is why KONE opted for the Sikafloor ESD Control Flooring System,” explained Kurt Dreger, Business Development Manager/Operations Manager at T.W. Hicks, a Master Sikafloor Installer in Lake Dallas, Texas. “Sika Technical Services also offered free annual testing of the floor for five years, which will certify that the floor is ESD active.”

As soon as the moisture content in the new concrete was contained, installation of this floor was rather straightforward. T.W. Hicks used the Sika Primer 1610 moisture containment system on the entire project. This primer was applied after T.W. Hicks blasted the concrete floor and pretreated cracks, control joints, and construction joints and then mechanically scrubbed the floor to clean it. After the primer had time to cure, the flooring crew lightly sanded any imperfections and applied the Sikafloor 200 ESD coating in medium gray and allowed it to cure.

PROJECT

KONE Light Manufacturing
Allen, Texas

FLOORING CONTRACTOR

T.W. Hicks, Inc.
Lake Dallas, Texas

GENERAL CONTRACTOR

Peinado, LLC
1701 Legacy Drive, Suite 1000
Frisco, TX 75034

FLOORING SYSTEM

Sikafloor® ESD Control Flooring
(23,500 square feet)

Sikafloor® Morritex Coating System
(57,351 square feet)

Sikafloor® EpoRok Epoxy Mortar System
(25,747 square feet)

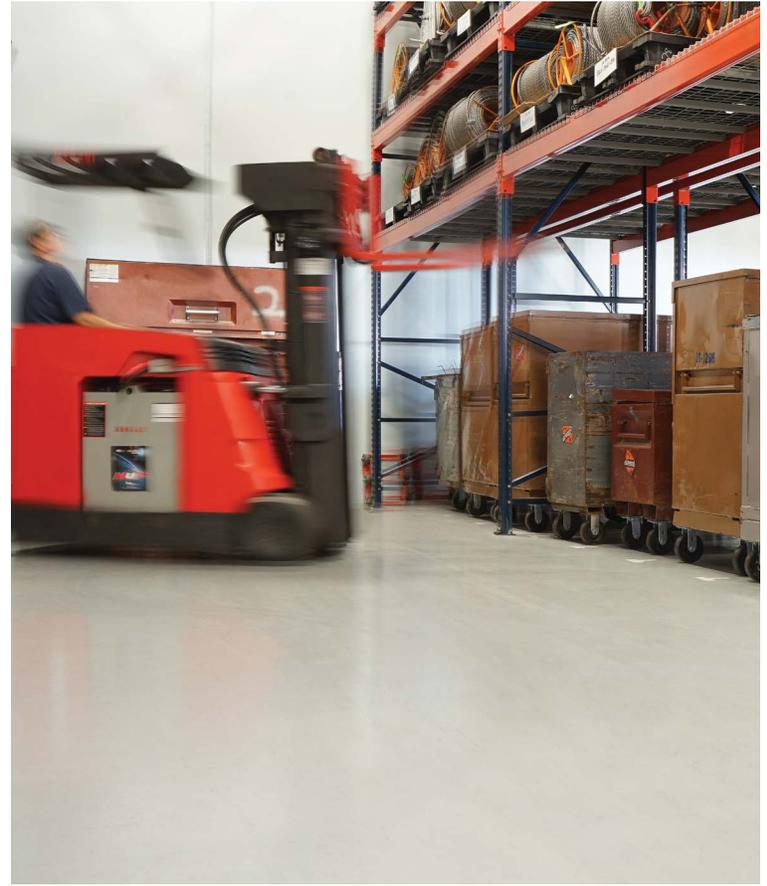
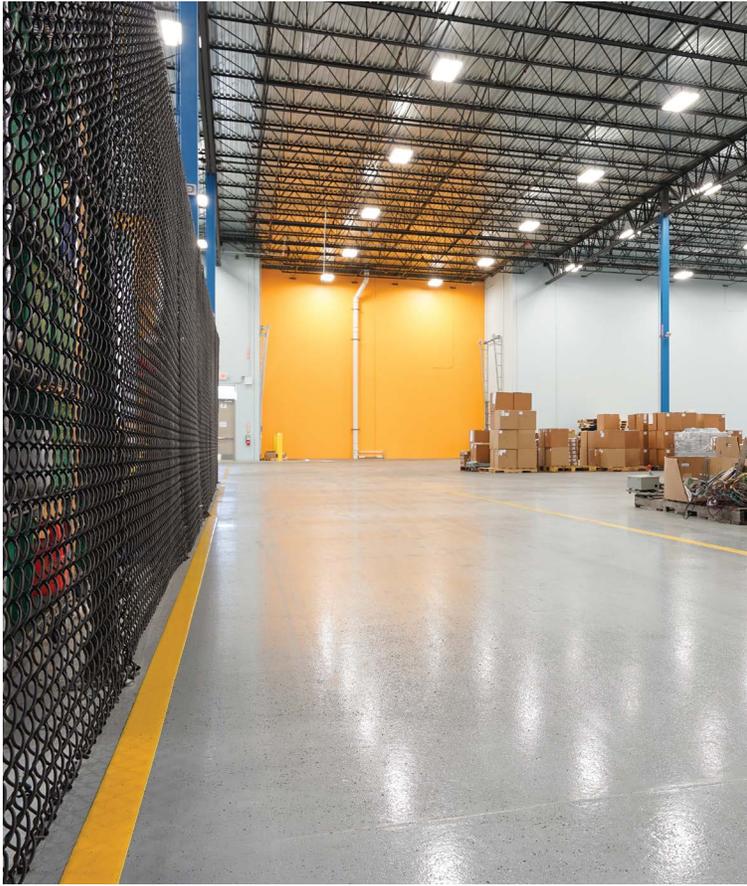
PROJECT SIZE

106,598 square feet total

COMPLETED

June, 2016





**SECOND STOP:
SIKAFLOOR MORRITEX COATING SYSTEM**

The next floor area in the Light Manufacturing building is a general warehouse/electrical kit picking area. KONE wanted a floor that would be slip resistant, easy to maintain, and have low reflectivity. Sikafloor Morrutex Coating System was the perfect choice. The Morrutex system is a highly durable surface suited for light to medium traffic that requires minimal maintenance and has a slip resistant texture.

One challenge of this installation was the fact that it was a very large area – over 57,000 square feet – in the center of the building. “It was a logistical challenge to try to keep people out of our way,” Dreger remarked. “T.W. Hicks did a really good job of working with the other trades and making a plan on how they would progress across the floor,” Lewis pointed out.

Another issue was working with the 11,000 feet of control joints in this area. T.W. Hicks did routing, cleaning, applied backer rod and then topped the joints with the Sika Polyuera joint filler. They then installed the Sikafloor 1610 Moisture Tolerant Primer and put on two coats of the Sikafloor 264 Prepigmented Epoxy. Lastly, Sikafloor 315 Abrasion Resistant Aliphatic Urethane was applied onto the floor to provide slip resistance.

**THIRD STOP:
SIKAFLOOR EPOROK EPOXY MORTAR SYSTEM**

On the final floor area in the Light Manufacturing building, workers put together job boxes containing tools used to install elevators. According to Lewis, these job boxes are as big as the bed of a pick-up truck and are on wheels; therefore KONE wanted a more robust floor with higher, denser material. “This floor is more abused because of the heavier operations, which are very rough on the floor where this work is located,” Lewis explained. The EpoRok Epoxy Mortar System offers high density and compressive strength for exceptional durability. It is also easy to clean and maintain, and offers abrasion and impact resistance.

With this installation, T.W. Hicks blasted the concrete and applied the Sikafloor 1610 primer as usual but then while the primer was still tacky, they applied epoxy mortar with a power trowel. After that cured, T.W. Hicks used diamond grinders to remove any burs or trowel marks and smooth the floor out. Sikafloor 264 Prepigmented Epoxy and Sikafloor 315 Abrasion Resistant Aliphatic Urethane were then applied.

“The floor in this area seems to be holding up under the stress and strain of the hard composite wheels on the job boxes,” Lewis was pleased to report.

TAKING KONE TO THE TOP

Lewis was very happy with all of the Sikafloor products and said he would consider using them again in the future. He also stated that both Sika and T.W. Hicks did a great job and “met our expectations and price points.”

Tim Hicks, president of T.W. Hicks, said Sika Flooring representatives were “very aggressive in pricing to get the job and also helped out extremely well on product availability.” Hicks likes both the ease of installation and the durability that Sika floors offer, along with the solid partnership he enjoys with Sika. As he puts it, “We work like a sales team.” When it was all said and done, everyone arrived on top.

KONE-ALLEN, TEXAS



WHO WE ARE

Sika AG, located in Baar, Switzerland, is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry.

The corporation has subsidiaries in 84 countries, employs 16,000 people worldwide, and has more than 160 manufacturing facilities around the globe.

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Please consult the Product Data Sheet prior to any use and processing.
ISO 14001: 2004-Compliant



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