



SIKA AT WORK

C.VALE COOPERATIVA INDUSTRIAL, BRAZIL

ROOFING

BUILDING TRUST



C.VALE COOPERATIVA INDUSTRIAL BRAZIL

CLIENT

C.Vale is an agroindustrial cooperative operating in Paraná, Santa Catarina, Mato Grosso, Mato Grosso do Sul, Rio Grande do Sul and Paraguay. It has 142 business units, more than 19,000 associates and 9,000 employees. It stands out in the production of soybeans, corn, wheat, cassava, milk, chicken and pigs, and provides services, with more than 260 professionals who provide agronomic and veterinary assistance to members. To keep the cooperative updated technologically, C.Vale develops courses, lectures, trainings and field days. C.Vale also finances production, guaranteeing credit to the cooperative, especially small producers. The company markets inputs, parts, accessories and resells agricultural machinery, ensuring more competitive prices to members. It also produces soybeans in Santa Catarina, which is marketed throughout Brazil. In addition, the cooperative maintains a network of supermarkets with eight stores in Paraná, Mato Grosso and Mato Grosso do Sul.

In the industrial segment, C.Vale produces modified cassava starch and feed. In this same segment, the cooperative maintains a poultry complex with slaughtering capacity of 600 thousand chickens / day. It is the first Brazilian poultry integration system, on a commercial scale, to use automated processes for environmental control.





C.VALE COOPERATIVA INDUSTRIAL BRAZIL

PROBLEM

The second largest cooperative in Brazil, had the need to waterproof the coverage of several units of the Industrial Complex that slaughters more than 600 thousand chickens per day, exported to several countries, including slaughterhouse, industrialized and feed factory, totaling more than 23,000 m² of area coverage.

WHAT IS THE CHALLENGE / DESIGN REQUIREMENTS?

The complex was designed using European concepts, and the waterproofing of the metal cover required a system with a warranty period of at least 10 years. Aesthetic requirements have also been required since aerial photos are taken out to present to customers from all over the world. Another determining factor was the very short deadline for execution.

SOLUTION

The system chosen was SikaFill® Reflex Pro, with consumption of 2.2kg / m² and use of SikaFleece®-70BR in tile and bolt transpasses and geometric details. After all tile cleaning using high pressure water jets, airless equipment was used to increase productivity and maintain regularity between the layers, allowing the application of the primer and two layers of SikaFill® Reflex Pro.

SIKA PRODUCT

- SikaFill® Reflex Pro
- SikaFleece®-70BR

Note: SikaFill® Reflex Pro has high adherence to the metal tile and can meet the required time. The high reflectivity of SikaFill® Reflex Pro assists in the thermal comfort of the structure. The white color enhances the building making the complex visually more pleasant.



C.VALE COOPERATIVA INDUSTRIAL BRAZIL



Project data: Owner: C.Vale Cooperativa Agroindustrial

City: Palotina-PR

Applicator: Palmar Waterproofing

Consultant: Edson Silva

Products used: 48,000kg of Sikafill® Reflex Pro and 3,500m² of Sikafleece®- 70BR



Sika S.A.

Av. Dr. Alberto Jackson Byington, 1525
Vila Menck - Osasco - SP
CEP 06276-000
Fone: 11 3687-4600

SAT 0800-703-7340

Serviço de Atendimento Técnico
www.sika.com.br
www.facebook.com/SikaBrasil

BUILDING TRUST

