

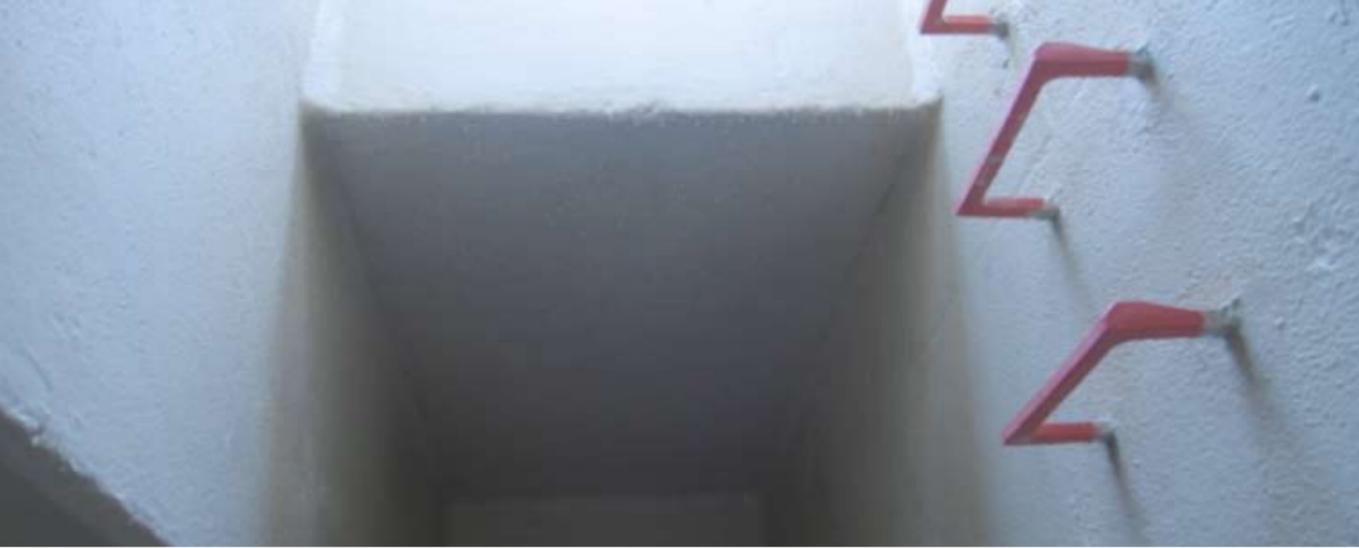
Sika at work



Gas Industry Reference Projects in Spain

Office building Carboneras. Almería. Andalusia
Bizkaia Gas. BBG. Zierbena. Basque Country
Enagas Huelva. Andalusia





Office Building Carboneras: Retention Pool Waterproofing

Project Description

Sikalastic 830 used in a retention pool on concrete substrate. System of Sikafloor 156 and Sikafloor 400 N Elastic for the roof.

Project Requirements

It was needed an entirely bonded to the substrate system, with high mechanical and chemical endurance.

Sika Solution

Sikalastic 830: 3000 kg

Sikafloor 400 N Elastic: 3500 kg

Sikafloor 156: 4450 kg

Sikafloor 261: 9000 kg

Project Participants

Project name: Office building Carboneras. Almería. Andalusia

Owner: AES Cartagena

Architect/Consultant: Técnicas Reunidas

Industry: GAS industry



Office Building Carboneras: Roof Waterproofing

Project Description

Old bitumen roof with solar panels. Best system MTC-12 (3950 m²)

Project Requirements

High Durability. Easy application system. Compatibility with solar plates.

Sika Solution

Sikalastic® 601 BC: 4148 kg

SikaReemat® Premium: 4345 m²

Sikalastic® 621 TC: 4226 kg

Project Participants

Project name: Office building Carboneras. Almería. Andalusia

Owner: Endesa generación

Architect/Consultant: Endesa engineering

Industry: Gas industry



Bizkaia Gas (BBG). Waterproofing of the second GLP Container

Project Description

It was a strategic plan of investments for increasing the storage of gas in Spain. According to the requirements of the engineering (Técnicas Reunidas), it was suggested Sikalastic range and injection systems for the protection of the second GLP container.

Project Requirements

It was needed a perfect waterproofing and sealing system with elastic bonding bridge properties. High chemical endurance and good performance to thermal shocks were also required.

Sika Solution

Sikalastic®

Project Participants

Project name: Bizkaia Gas (BBG). Zierbena. Basque Country
 Owner: BBG
 Architect/Consultant: Técnicas Reunidas
 Industry: GAS



Enagas: Underground corridor waterproofing

Project Description

There were two galleries, 115 m. long and 3.500 m², with more than 1.600 ml of joints to treat.

Project Requirements

Joint Sealing:
 Sikadur Combiflex-E System
 Layer of mortar with Sikadur 43
 Final joint sealing with Sikaflex 11FC

Sika Solution

Later, It was applied in the whole gallery a Sika waterproofing system with these products:

Sikalastic 830: 3000 kg
Sikafloor 400 N Elastic: 3500 kg
Sikafloor 156: 4450 kg
Sikafloor 261: 9000 kg

Project Participants

Project name: Underground corridor waterproofing. Enagas Huelva
 Owner: Enagas Huelva
 Architect/Consultant: APIMOSA
 Industry: GAS





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