

FABAY KOYMAT OTEL FETHIYE, MUGLA, TURKEY



SIKA AT WORK LIBERTY FABAY OTEL FETHIYE MUGLA, TURKEY

SEALING AND BONDING: Sika Passive Fire Protection

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



SIKA YAPI KİMYASALLARI A.Ş
İstanbul Deri Org. San. Bölgesi
Alsancak Sok. No: 5 J-7 Özel Parsel
34956 Tuzla/İstanbul/Türkiye

Tel: +90 216 581 06 00
Fax: +90 216 581 06 99
Web: www.sika.com.tr

BUILDING TRUST



BUILDING TRUST



SIKA PASSIVE FIRE PROTECTION SOLUTIONS IN HOTEL COMPLEX

PROJECT DESCRIPTION

Name of the Project: Koymat Otel Fethiye

Location: Muğla, Türkiye

Year of construction: 2020

Construction area: 70.000 m²

As a 5-Star hotel, in addition to 650 rooms and standard hotel rooms with a total bed capacity of 1500; luxurious and family suites as well as 20 villas are included. There are also a number of various areas of utilisation such as swimming pools, basketball, volleyball and tennis courts, billiards area, health, massage and beauty centre and thematic pools in the project.

PROJECT REQUIREMENTS

All service penetrations in this large hotel complex, which is expected to serve approximately 1500 people during the peak season, were required to be fire resistant in accordance with fire regulations and standards. For this, it was necessary to increase the fire resistance performance of flammable/non-flammable pipes passing through the floor and wall service openings, and the flammable equipment such as ventilation pipes or cables, up to 4 hours. In addition, the products to be used were requested to be resistant in acoustic insulation, which is of great importance for hotels.

In order to respond to these requests, Sika technical teams first identified the current needs by performing an on-site survey. Afterwards, the customer, applicator and contractor carried out a work in coordination, and presented the right solution suggestions for the the project requirements and customer requests.

SIKA SOLUTIONS

Acrylic based Sikacryl®-621 Fire was used in sealing of the linear wall and floor joints and penetration joints. Around the flammable pipes passing through the service openings in the floors and walls, SikaSeal®-623 Fire product in the structure of intumescent graphite product providing sealing with a high volume of expansion and pressure was used.

By means of these products ensuring fire protection features as well as acoustic insulation, both fire resistance up to 4 hours and acoustic insulation requirement, which is one of the most important points for hotel complexes, were obtained.

With close follow-up of Sika technical team and fast response to customer's and contractor's requests and with the practical and economical solution recommendations offered, an advantageous situation could be gained against powerful competitors in the field of passive fire protection, and the chance to be the first project in Turkey implemented in passive fire protection could be achieved.

PROJECT PARTICIPANTS

Project owner: Fabay Construction Company

Engineering: Key Engineering

S&B Applicator: AEB Engineering

