

Hotel Royal Tulip

Convertible diaphragm

On the roof of the Royal Tulip Hotel, a two-storey event centre is located under a glass dome with a diameter of 22 m, which is used in particular as a nightclub in addition to various events. In order to improve the acoustics under the sound-reflecting glass surface of the dome and to prevent excessive solar heating, AR Ingenieure planned and installed a centrally retractable roof on a turnkey basis. The membrane made of a finely perforated fabric can be stretched fully automatically within 4 minutes or compactly gathered in the centre. In addition to the features already described, the extended screen can also be used as a projection surface, creating a unique atmosphere in the interplay of light, colours and music.



Project details:

Year: 2010

Location: Almaty, Kazakhstan

Building owner: Zharat LTD, Almaty

Client:

Services: Planning and realization of changeable membrane structure

Other parties involved:

