



Flame Towers

Azerbaijan



Project

The towers are 190m (650ft) tall and at the time of construction were the tallest buildings in Baku, the estimated investment cost was at £210m (\$350m). Located on a hill overlooking Baku bay, with this iconic trio of buildings, consisting of three flame shaped towers each has a different function.

To the South the tallest of the three towers is a 39 Story residential tower, to the North a hotel is located with 318 rooms over 36 floors and to the west is the office tower with 33,000m² of class A commercial office space.

Baku Flame Towers is a project by Azinko Development MMC. HOK was the architect, with DIA Holdings serving as design-build contractor and Hill International providing project management.

Substrates: Steel, cast and wrought iron.

Requirements: To provide fire protection and solar protection.

Specifications: The flicks had Sa2½ clean followed by Macropoxy™ C400V3 primer 100 micron DFT, FIRETEX® FX5120 to a required film thickness of 1800 micron to 2600 micron dft and Acrolon™ C237 at 100 micron.

Area coated: Total area 3860m²

Client: DIA Holdings.

Main contractor: DIA.

Consultant engineer: Hill International.

Application: PROSYS Protective Systems Ltd. Co.

System

The system selected for the Flame Towers “Flicks” each flick being the towers’ last 22 to 26m of steel structure comprised of FIRETEX® FX5120 to give a two hour fire protection rating and a durable top coat of Acrolon™ C237 which has excellent colour and gloss retention properties.



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