

SafetyZone Advanced Security Solutions protect petroleum refinery facilities

Description: **Facility-wide Safety Upgrades**
Film Type: **SafetyZone 12 Mil Clear + No Bar™**
Project Size: **15,000 m²**
Dealer: **BFYL**



Project Task

Sinopec Group, also known as China Petrochemical Corporation, was ranked by Forbes as the fifth largest company in the world by revenue. Wholly state-owned, Sinopec has multiple production and refinery installations located throughout China.

After increasing incidents of accidental explosions at similar facilities around China, Sinopec knew it had to strengthen the windows of its buildings and protect its workers in the event of industrial accidents.

Sinopec management met with BFYL, the Chinese distributor of Hanita Coatings' safety solutions, in early 2013 to discuss solutions to protect the lives of its workers. With the help of Hanita and Al-Sorag, producer of the Winbar Advanced Security Solutions, BFYL defined the project's needs and specifications.

Initial pilot installations and blast testing for verification purposes were carried out a couple of months later.



15k
sq m
12 mil
Security
Film

Over
5
facilities
protected

12k
sq m
to be installed
by year's
end

Solution

After Hanita's 12 Mil Clear film was approved, BFYL immediately began work on securing the key control and operations rooms of three of Sinopec's facilities. These rooms were also strengthened by Al-Sorag's No Bar™, a patented anchoring system that enhances SafetyZone film by absorbing the impact energy of blast-affected glass and frames while providing an uncompromised view of the facility.

This was followed by installation of SafetyZone film on all other at-risk buildings, such as offices, dormitories, dining halls and production areas. Over 15,000 square metres of film was installed during this time.

Result

Confident with the results, BFYL and Sinopec continue to secure facilities around China. The program is expanding beyond refineries to Sinopec offices and convenience stores at Sinopec petrol stations.

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