



Hanita Coatings



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**Hanita Coatings
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Window Film

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Hanita Coatings is one of the leading manufacturers of safety and security window films situated outside the United States. Established in 1983, and owned by Kibbutz Hanita, Hanita Coatings manufactures a variety of polyester film based products, including safety, security and solar control window films.

Al-Sorag

Al-Sorag, a partner company of Hanita Coatings, specializes in the development and installation of retrofit advanced security solutions for glazing. Al-Sorag's security systems offer some of the highest levels of blast resistance and protection available for glass as a retrofit solution.

Security Solutions Offered:

Hanita Coatings and Al-Sorag offer five product lines:

- **Safety and security window films** – daylight application or procurement of clear safety and security films. These films enhance the performance and safety of existing glass in buildings and vehicles, and are accredited by GSA Security Criteria, Level C; EN12600; BS 6206; ANSI Z 97.1; CPSC 1201; EN 356; DIN 52290; AS201; TAS 202; TAS 203; UL 972.

- **Safety and Security window films with high levels of solar control** – in addition to anti-fragmentation protection, these films enhance the energy efficiency of the building's air-conditioning by lowering levels of heat build-up through the glass. Through energy savings of up to 20%, the security upgrade usually pays for itself within 3 years.
- **No-Bar Anchoring System** – Retrofit mounting or franchising of the No-Bar Anchoring System, a mechanical anchoring system that secures the security film to the window frame, greatly increasing the film's impact (break-in) and blast resistance, fully complying with GSA Level D 3a.
- **Cable Defense System** – Retrofit installation of the Cable Defense System with security film.
- **Clear-Bar System** – Retrofit installation of Clear-Bar transparent polycarbonate window bars, together with No-Bar Anchoring System, which provide superior burglary and blast resistance.

Recommended Security Methods for 200 kg Explosive Blast

Effective Window Defense	Blast Distance: M	Pressure: PSI	Impulse: PSI/MSEC
Clear Bar +No-Bar System	15	59	194
Cable System	25	18	115
No-Bar System	30	11	86
12 mil Safety Zone Security Film	80	3	35

This table is for schematic use only, and a defense specialist must be consulted before each installation

Selected Security Projects Using Safety Zone Security Films

- Israeli embassies and consulates worldwide
- Israel Knesset (Parliament), Jerusalem, Israel
- Tel Aviv Diamond Exchange, Israel
- US Federal Office Building, Sacramento, CA, USA
- Governor's Mansion, Austin, TX, USA
- Moscow Metro Underground pedestrian subways, Russia
- Grozny Administrative Building, Chechnya
- State Duma (Parliament), Moscow, Russia
- Slovak Parliament, Bratislava, Slovakia
- Slovak State Bank, all locations, Slovakia
- Royal Netherlands Embassies, worldwide
- LTU-Arena, Düsseldorf, Germany
- UBS, United Bank of Switzerland, Zurich
- Schiphol Airport, Amsterdam, Holland



No-Bar Anchoring System withstands 1826 lb explosive blast