

SafetyZone™

Glazing Protection Systems with UV Control



SafetyZone Glazing Protection Systems

Avery Dennison®, a global leader in pressure sensitive and functional materials, acquired Hanita Coatings® in 2017. Hanita Coatings specializes in the development and manufacture of engineered polyester films for high-end applications. Hanita Coatings is a key provider of energy-efficiency solar and safety & security window films. Our anti-fragmentation safety films protect governmental, commercial, retail and industrial buildings.

Blast protection of windows & doors



Reinforcement of openings & facades



Energy efficiency systems



Live field verification testing



Safety and Security Film

Different threats require different thicknesses of film - approved by international accreditations

Forced entry, break-in protection

- Approved European Standard EN 356, P2A
- Approved EN12600 1B1/2B2

Impact protection

- Approved Australian Standard AS/NZS 2208
- Approved British Standard BS 6206: Class B
- Approved ANSI Z97.1-2009 (48")

Natural calamity protection

- Approved European Standard BS EN 12600 level 2B2



SolarZone Safe

Combined Solar Control and Security

SolarZone Safe film provides a dual benefit in protecting from solar energy as well as physical threats. Here is an example of one of 14 hospitals in Israel protected with energy efficient solar security film.

2,375 m²

SolarZone Safe PerLite 35, 50 6 mil security film

57K EUR

Estimated annual energy savings – covering cost of security upgrade

530,000 kilowatts*

Annual energy savings based on simulation software**

*Based on field energy simulations

**Actual energy saving may differ based on the specific project and the conditions of the location.



Installation References



30,000m²
EU Consul Compound, Brussels
Belgium



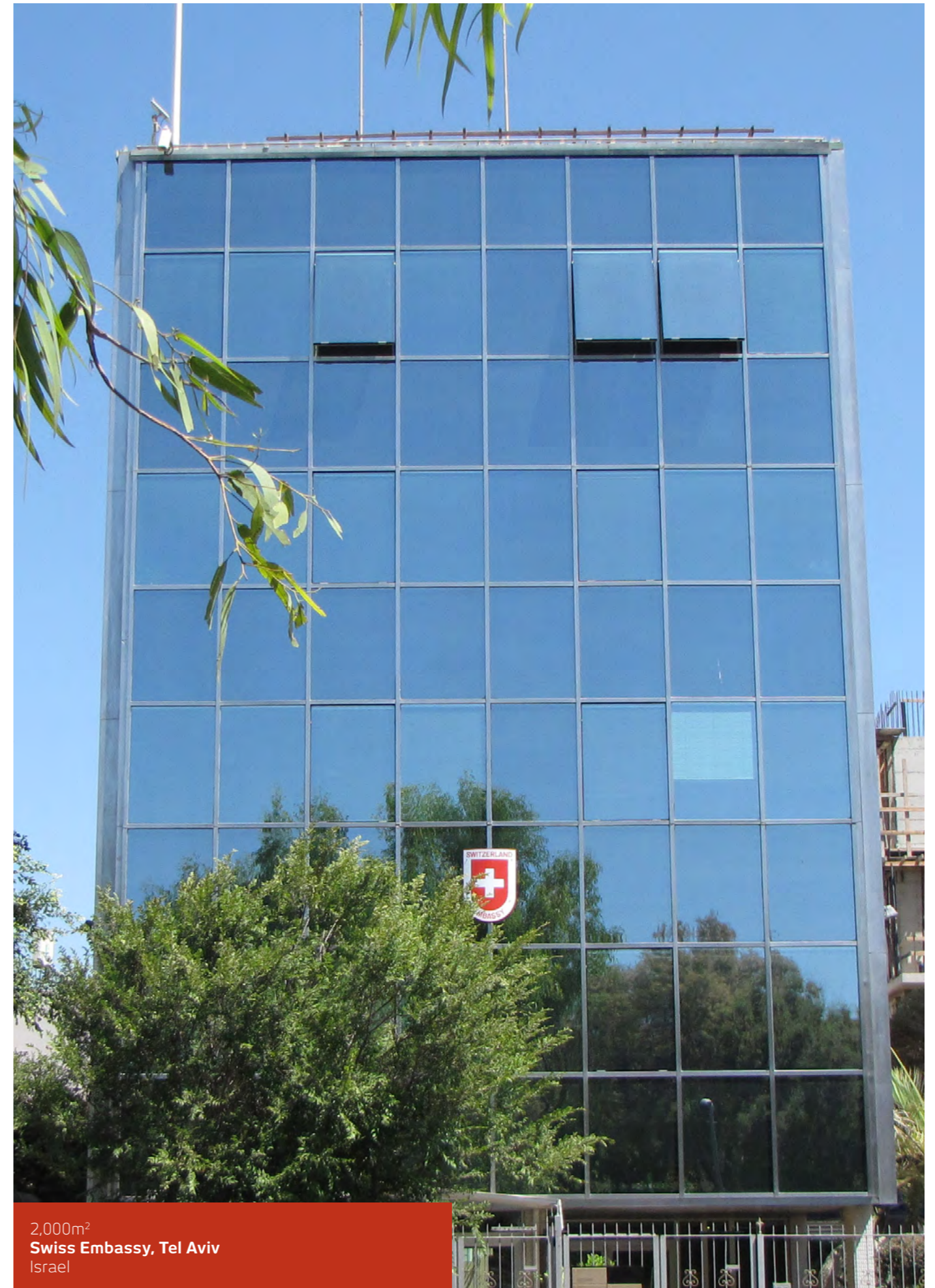
Security film
UNICEF Facility, Cairo
Egypt



Security film
KPN HQ, The Hague
Netherlands



5,000m² Security film
Vienna University Campus, Vienna
Austria



2,000m²
Swiss Embassy, Tel Aviv
Israel



Security film
UN Facility, Amman
 Jordan

Safety and Security Window Films Tests

	4 mil Clear	7 mil Clear	8 mil Clear	12 mil Clear	15 mil Clear	4 mil Silver 20	5 mil Matte	4 mil Clear Xtra	7 mil Clear Xtra
Fire									
BS 476 Fire Propagation		•							
ASTM D1929 Ignition	•	•							
ASTM E84 Surface Burn									
Impact									
AS/NZS 2208	•	•							
ANSI Z97.1 18" pendulum fall	•								
ANSI Z97.1 48" pendulum fall		•	•						
CPSC 1201 Cat 1 18" pendulum fall	•								
CPSC 1201 Title 16 48" pendulum fall	•	•	•						
BS 6206 B	•								
EN 12600 2B2	•					•	•	•	
EN 12600 1B1		•	•						•
EN 356 P2A				•					
DIN 52290 Part 4, A1				•					
Shock Tube Test*									
GSA: 3A ISO: C ASTM: Minimal Hazard			•						
GSA: 2C ISO: B ASTM: Minimal Hazard					•				

*Complies with Shock Tube Test Standards: GSA+TS01-2003 | ISO 16934 | ASTM F 1642-12

About Hanita Coatings

Avery Dennison®, a global leader in pressure sensitive and functional materials, acquired Hanita Coatings® in 2017.

Hanita Coatings specializes in the development and manufacture of engineered polyester films for high-end applications.

Hanita Coatings is a key provider of energy-efficient solutions in the field of solar window films. Hanita Coatings also manufactures safety and security window films, which add further value to energy-efficient building upgrades.

Our qualified representatives are ready to assist you with technical support, advice modeling and savings forecasts.

www.hanitacoatings.com

Important notice: Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data is subject to change. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.

Disclaimer and warranty: Avery Dennison warrants that its Products meet its specifications. Avery Dennison gives no other express or implied guarantees or warranties with respect to the Products, including, but not limited to, any implied warranties of merchantability, fitness for any particular use and/or non infringement. All Avery Dennison products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. The period of warranty is one (1) year from the date of shipment unless expressly provided otherwise in the product data sheet. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>. Avery Dennison's aggregate liability to Purchaser, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price of the defective, non-conforming, damaged or undelivered Products which give rise to such liability as determined by net price invoices to Purchaser in respect of any occurrence or series of occurrences. In no circumstances shall Avery Dennison be liable to Purchaser for any indirect, incidental or consequential loss, damage or injury, including without limitation, loss of anticipated profits, goodwill, reputation, or losses or expenses resulting from third party claims.

© 2020 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for no purpose other than marketing by Avery Dennison.



Hanita Coatings