


# Provide added protection to your property from smash and grab burglaries with 3M™ Scotchshield™ Security Window Film S2400

- Helps to increase security and provides extra time against smash and grab burglaries.
- Can help delay intruders and provide extra response time by slowing the intruder down.
- Helps prevent flying glass shards in intentional and accidental explosions (only for application in non-educational government facilities & commercial buildings).
- Its polyurethane construction provides greater tear strength and elongation than PET resin films (of similar thickness) allowing the film to absorb impact.
- Helps meet many industry performance standards for glass fragment retention.
- Comprehensive warranty from 3M.

**IMPORTANT**: 3M™ Scotchshield™ Security Window Film S2400 must be installed with the 3M™ Impact Protection Attachment (IPA) Sealant for all applications.

## Setting a new benchmark for break and entry building window film.

| | S2400 |
|---|---|
| Break and Entry | ★★★★★ |
| Safety Glazing | ★★★★★ |
| Blast Mitigation | ★★★★★ |

Best ★★★★★
Better ★★★★
Good ★★★
Fair ★★

*Results are in comparison to other 3M™ Safety & Security Window Films combined with 3M™ Impact Protection Attachment (IPA) Sealant*



## New to market solution for Break & Entry applications where greater tear strength is needed.

**Valued Associations and Alliances:**

IWFA INTERNATIONAL WINDOW FILM ASSOCIATION

EWFA EUROPEAN WINDOW FILM ASSOCIATION

NFBC

AIA Member




## Break and Entry

- Can help delay intruders and provide extra response time by slowing the intruder down
- Provides added protection against smash and grab burglaries

**Performance Testing**

- Independent lab evaluations, contact 3M for details
- UL 972 Sect. 6.2
- UL 972 Sect. 6.4
- UL 972 Sect. 6.5



## Blast Mitigation

- Help protect people from the risk of flying glass shards, one of the most common causes of blast related injuries and fatalities

**Performance Testing**

- ASTM F1642
- GSA TS01-2003



## Safety Glazing

- Helps meet many industry performance standards for glass fragment retention
- Helps prevent flying glass shards from harming occupants and damaging property

**Performance Testing**

- ANSI Z97.1
- EN 12600

## Product Properties (nominal) — not for specification purposes

| Film | Film Thickness | Construction | Graves Tear Resistance | Tensile Strength | Break Strength | Elongation at Break | Peel Strength |
|---|---|---|---|---|---|---|---|
| S2400 | 25 mils (630µ) | TPU | **24.6 lbf-in** | 3,200 psi | **77 lbs/in (342 N/in)** | **560%** | > 3 lbs/in (>13 N/in) |

**IMPORTANT**: This is an overview of product features. References to explosions or blasts apply only to commercial and non-educational government facility applications. Prior to product selection, always refer to the current 3M Technical Data Sheet for detailed product information.

**CAUTION**: While 3M™ Window Films, when applied in accordance with 3M instructions, may help reduce the impact of flying glass shards under certain conditions and potentially delay intruders, **THESE FILMS DO NOT PREVENT PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH. WINDOW FILMS ARE NOT BULLETPROOF AND NOT DESIGNED TO STOP INTRUDERS.**

**IMPORTANT PRODUCT AND APPLICATION LIMITATIONS:** Many factors can contribute to potential hazards and damages arising from wind, impact, seismic, explosion, or break and entry incidents, including the window film selected, type and thickness of glass, building construction, exterior pressure, proximity of impact occurrence, quality of window or door frames, intruder size and strength, and type of tools used to gain entry. Certain 3M™ Window Films require the use of 3M™ Impact Protection Attachment (IPA) Sealant on glass window and door frames for windstorm, break & entry, and explosion mitigation applications and for spontaneous glass breakage applications on single pane tempered glass. The sealant may also be recommended for certain other spontaneous glass breakage, safety glazing, and seismic applications. Always refer to the 3M Technical Data Sheets and 3M Technical Specifications to determine whether these combinations are required. **Always consult with security professionals and a 3M Authorized Window Film Dealer prior to selecting any window films to determine suitability for the intended application.**

**IMPORTANT STATE OF FLORIDA NOTICE:** This product is not approved in the State of Florida for use as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm. In compliance with Florida Statute 553.842, this product may not be advertised, sold, offered, provided, distributed, or marketed in the State of Florida as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm.

**Warranty, Limited Remedy, and Disclaimer:** Please refer to the Warranty Bulletin for 3M™ Window Films (Flat Glass Applications) and 3M™ Impact Protection Attachment (IPA) Sealant for complete details on warranty coverage, which can be obtained by contacting your 3M Authorized Window Film Dealer or your local 3M sales representative. If a 3M product does not conform to the warranties described in this Warranty Bulletin, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. Except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

3M
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