

# VANDAL PANELS™

**VANDAL PANELS™** are custom made from durable perforated aluminum and provide superior strength and unbeatable protection.

They are a perfect solution for door lites, side lites, transom windows, or anywhere that space and security are a concern



## SECURE AND PROTECT

Talius Vandal Panels™ are an innovative solution to protect exposed windows and prevent vandalism and break-ins.

## SAVE MONEY

Vandal Panels™ eliminate expensive glass replacement and reduce maintenance costs. Save maintenance time as well, with our specially formulated anti-graffiti coating and simply wipe away graffiti.

## IMPROVE MORALE

Our Vandal Panels™ blend seamlessly into the building envelope and do not obstruct natural daylight resulting in improved faculty and student morale when compared to other security options available.

## HAVE PEACE OF MIND

Vandal Panels™ are engineered to withstand forced entry using the finest quality materials and the most durable components to ensure your property is well protected.

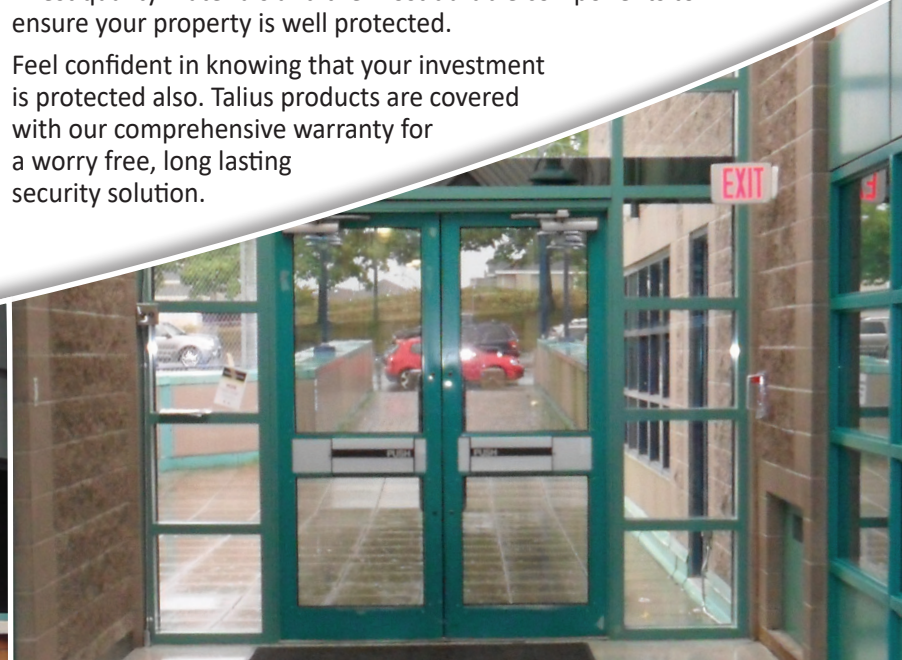
Feel confident in knowing that your investment is protected also. Talius products are covered with our comprehensive warranty for a worry free, long lasting security solution.

**TALIUS**®

Leading the industry in

**SECURITY SOLUTIONS**

FOR EDUCATIONAL FACILITIES



## SPECIFICATIONS

**Panel:** Perforated panels made from 3.175 mm (1/8") 3030 H14 aluminum sheet. Perforations are die punched 6.35 mm (1/4") diameter holes, on 9.53 mm (3/8") centres, with 9.53 mm (3/8") offset rows and a panel openness factor of 42%.

**Frame:** The Vandal Panel™ frame structure is made from 6065T5 aluminum extrusion with a wall thickness of 1.3 mm (0.050"). Nominal size of the extrusion is 38 mm wide by 13 mm high (1 1/2" x 1/2") with a 19 mm (3/4") open channel for perforated panel penetration and 19 mm (3/4") hollow section for hardware mounting. Mounting-side of frame incorporates two tracks for slide-on aluminum build-up.

**Build-Up:** If applicable, heavy-gauge aluminum build-up can be applied to the back of the frame on all four sides 35 mm (1 3/8") wide with depth specified as per the Vandal Panel™ schedule.

**Finish:** All fixed panel components are cleaned, sealed and custom painted with a pure two-component polyurethane paint system, utilizing aliphatic isocyanate reacted with resin polyols.

Minimum dry film thickness 2.5 mil (65 microns).

## CUSTOM COLOURS

Vandal Panels™ are designed to harmonize with your property

and are available in your choice of over 1800 Benjamin Moore custom colours. We recommend Window Grey or Window Green as shown below. These two colours blend the best with window surfaces.



WINDOW GREY



WINDOW GREEN

To select your custom paint colour, refer to the Benjamin Moore paint fan and indicate the paint name and number when placing your order.

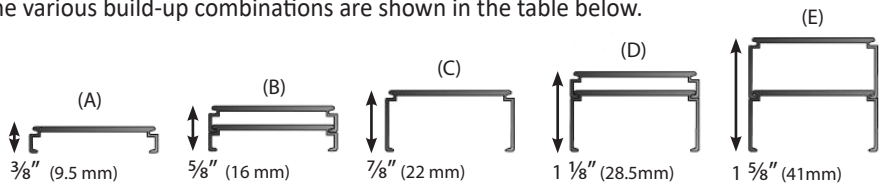
## RETAIL PRICING

|      |        | Horizontal Scale: Width including Frame (A2) |      |      |      |      |      |      |      |      |  |
|------|--------|--|------|------|------|------|------|------|------|------|--|
| Feet | Inches | Metres                                       | 1'   |      | 2'   |      | 3'   |      | 4'   |      |  |
|      |        |  | 6"   | 12"  | 18"  | 24"  | 30"  | 36"  | 42"  | 48"  |  |
|      |        |  | 0.15 | 0.30 | 0.46 | 0.61 | 0.76 | 0.91 | 1.07 | 1.22 |  |
| 1'   | 6"     | 0.15   | n/a  | n/a  | n/a  | 226  | 242  | 259  | 270  | 286  |  |
|      | 12"    | 0.30   | n/a  | 222  | 241  | 264  | 288  | 311  | 329  | 353  |  |
| 2'   | 18"    | 0.46   | n/a  | 241  | 266  | 297  | 328  | 359  | 384  | 415  |  |
|      | 24"    | 0.61   | 226  | 264  | 297  | 335  | 373  | 411  | 444  | 482  |  |
| 3'   | 30"    | 0.76   | 242  | 288  | 328  | 373  | 418  | 464  | 504  | 549  |  |
|      | 36"    | 0.91   | 259  | 311  | 359  | 411  | 464  | 516  | 564  | 616  |  |
| 4'   | 42"    | 1.01   | 270  | 329  | 384  | 444  | 504  | 564  | 618  | 678  |  |
|      | 48"    | 1.22   | 286  | 353  | 415  | 482  | 549  | 616  | 678  | 746  |  |
| 5'   | 54"    | 1.37   | 302  | 376  | 446  | 520  | 595  | 669  | 738  | 813  |  |
|      | 60"    | 1.52   | 318  | 400  | 476  | 558  | 640  | 722  | 798  | 880  |  |
| 6'   | 66"    | 1.68   | 329  | 418  | 502  | 591  | 680  | 769  | 853  | 942  |  |
|      | 72"    | 1.83   | 346  | 442  | 533  | 629  | 725  | 822  | 913  | 1009 |  |
| 7'   | 78"    | 1.98   | 362  | 465  | 564  | 667  | 771  | 874  | 973  | 1076 |  |
|      | 84"    | 2.13   | 378  | 489  | 594  | 705  | 816  | 927  | 1032 | 1143 |  |
| 8'   | 90"    | 2.29   | 389  | 507  | 620  | 738  | 856  | 974  | 1087 | 1205 |  |
|      | 96"    | 2.44   | 405  | 531  | 651  | 776  | 902  | 1027 | 1147 | 1272 |  |
| 9'   | 102"   | 2.59   | 422  | 554  | 682  | 814  | 947  | 1080 | 1207 | 1340 |  |
|      | 108"   | 2.74   | 438  | 578  | 712  | 852  | 992  | 1132 | 1267 | 1407 |  |
| 10'  | 114"   | 2.90   | 449  | 596  | 738  | 885  | 1032 | 1180 | 1321 | 1469 |  |
|      | 120"   | 3.05   | 465  | 619  | 769  | 923  | 1078 | 1232 | 1381 | 1536 |  |

\* Prices subject to change. Includes custom paint and security screws. \$100 upcharge for anti-graffiti coating.

## BUILD-UP

To make your installation of Vandal Panels™ plumb and level, Talius offers two sizes of aluminum build-up: 3/8" and 7/8" (9.5 mm and 22 mm). The most popular combinations are shown and priced out in the table below. For greater build-up depths, contact Talius for alternative components. All Vandal Panel™ frames include 1/4" (6.5 mm) build-up. Half of this depth will be reduced when the first layer of build up is added. The resulting depths of the various build-up combinations are shown in the table below.



The measurements shown above are the total depth once combined.

Each piece of build-up measures 1 3/8" (35 mm) in width

|                 | Total Build-Up depth with Vandal Panel™ Frame |                     |                   |                       |                       |
|-----------------|---|---------------------|-------------------|-----------------------|-----------------------|
|                 | (A)<br>1/2" (13 mm)                           | (B)<br>3/4" (19 mm) | (C)<br>1" (25 mm) | (D)<br>1 1/4" (32 mm) | (E)<br>1 3/4" (45 mm) |
| Price per metre | \$10  | \$20                | \$12              | \$22                  | \$24                  |
| Price per inch  | \$0.25  | \$0.51              | \$0.30            | \$0.56                | \$0.60                |

## ANTI-GRAFFITI COATING

To prevent damage to Vandal Panels™, Talius offers an optional non-sacrificial anti-graffiti coating designed to allow for easy clean-up of graffiti from the Vandal Panel™ surfaces. Talius anti-graffiti coating is a modified aliphatic-polyurethane coating with enhanced abrasion resistance to provide resistance to chemicals, abrasions and impact. Anti-graffiti coating is a clear coat that provides a gloss finish over stock and custom colours, and offers colour retention and a non-stick surface. It is applied with a dry film thickness of 1.0 - 2.0 mils (25-50 microns). Hardness: ASTM D3363, 2H. Solvent Resistance: ASTM D4752, 100 MEK rubs; NO failure. Abrasion Resistance: 1000 cycles CS-17, ASTM D4060, 32 mg loss. Impact Resistance: ASTM D2794, 40 in lbs; NO failure. Flexibility: ASTM D522, 1/8" mandrel bend; NO failure.

All Talius Vandal Panels™ applied with Talius anti-graffiti coating can be cleaned easily saving money on maintenance.