

# Diamond<sup>®</sup>

**Diamond**  
700 Series

Highest quality  
general purpose  
and architectural  
fabric.

**Diamond**  
Translucent

Highest quality  
architectural fabric.  
Natural light  
transmission.

## Diamond 700 Series Specifications and standards

Diamond is durable – proven in New Zealand conditions for over 25 years. Produced exclusively for Contender in Austria, Diamond is designed for both general purpose applications such as banners, tarpaulins and covers and architectural shade solutions.

- Protects against sun, wind and rain.
- Sustainable long-life products with UV protection.
- Available in 34 colours.
- Wide width format 250cm.
- Easy weld lacquer finish.

**5 Year Warranty:** Architectural shade solutions such as small to medium size tension structures, shade sails, canopies, fixed frame awnings, façades and dividing walls.

|                        |                        |                              |
|------------------------|------------------------|------------------------------|
| Width                  | 250cm                  |                              |
| Yarn                   | 1100 Dtex              | DIN EN ISO 2060              |
| Weight                 | 670g/m <sup>2</sup>    | DIN EN ISO 2411              |
| Tensile Strength       | 3000/3000(N/5cm)       | DIN EN ISO 1421              |
| Tear Resistance        | 300/300(N)             | DIN EN 53363                 |
| Adhesion               | 110 (N/5cm)            | DIN EN ISO 2411              |
| Cold / Heat Resistance | -30 C / +70 C          | DIN EN 1876-1<br>IVK – PKT.5 |
| Light Fastness         | 7/8                    | DIN EN ISO 105-B02           |
| Flame Retardant        | ISO 3795<br>DIN 75 200 | Burning Speed<br><100mm/min  |

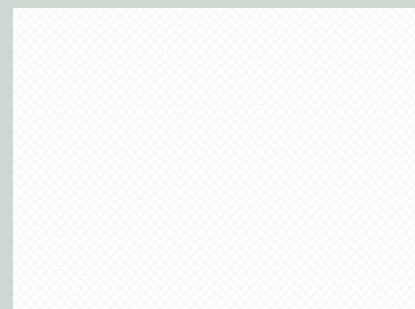
### \* 787 114 White

Special features for white marquees, tents and white tension structures. 7 Year Warranty.

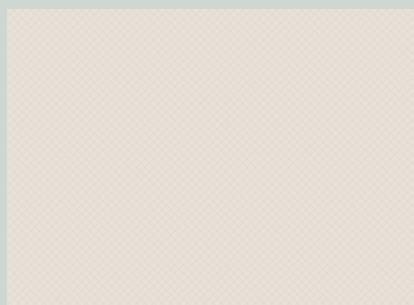
|                 |                 |                |
|-----------------|-----------------|----------------|
| * 787 114 White | Anti-wick yarn  | Anti-microbial |
| Flame Retardant | AS/NZS 1530.2.3 | EN 13501-1 M2  |

# Diamond<sup>®</sup>

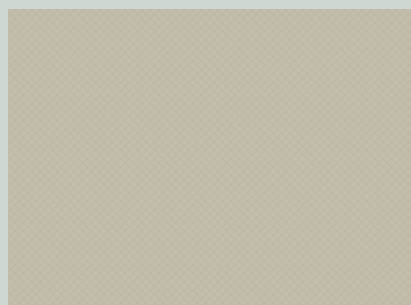
700 Series 250cm



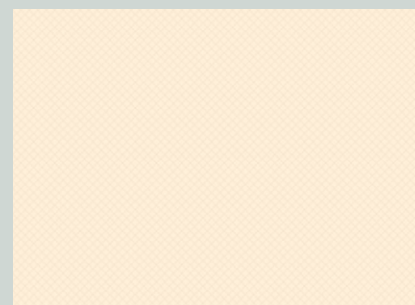
\* 787 114 White



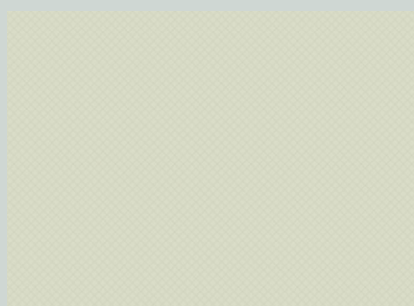
641 840 Alabaster



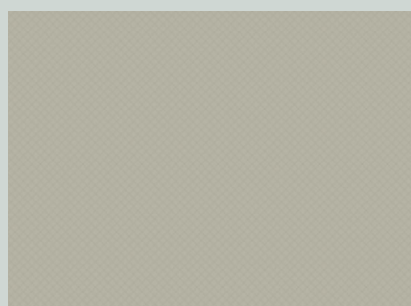
641 820 Riverstone



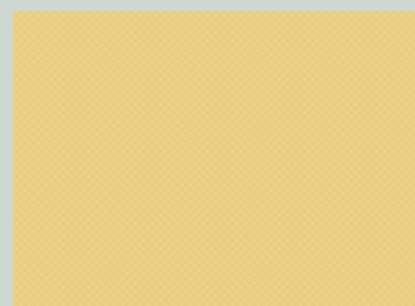
641 251 Champagne



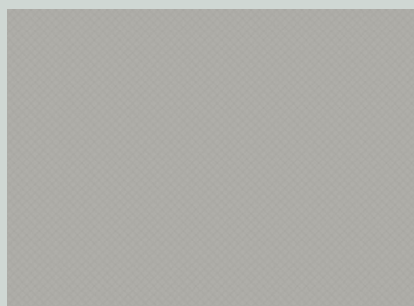
641 832 Misty Grey



641 825 Zinc



641 734 Vanilla



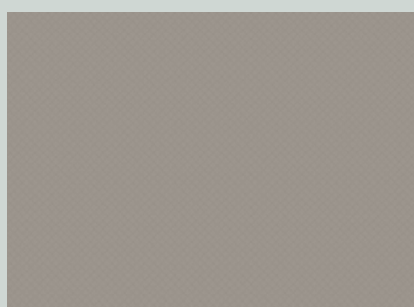
641 815 Cloud



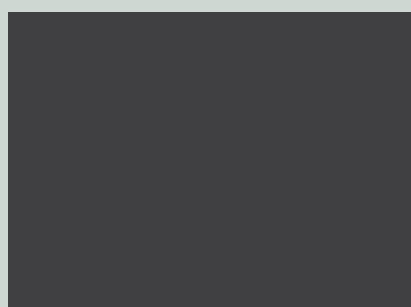
641 813 Concrete



641 736 Flax



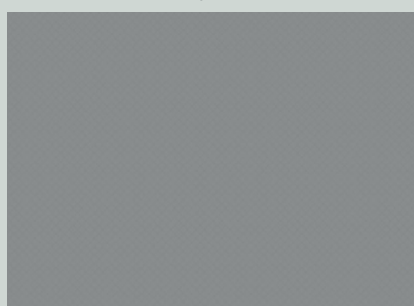
641 800 Ash Grey



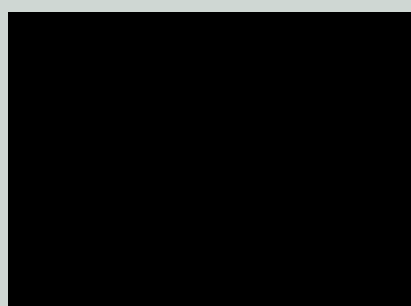
641 814 Charcoal



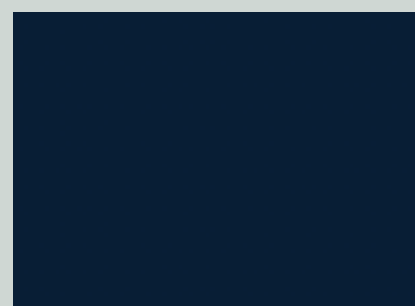
641 747 Chocolate



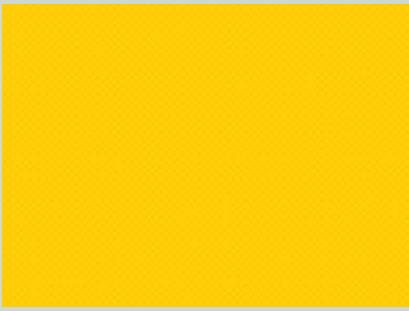
641 018 Brushed Aluminium



641 904 Black



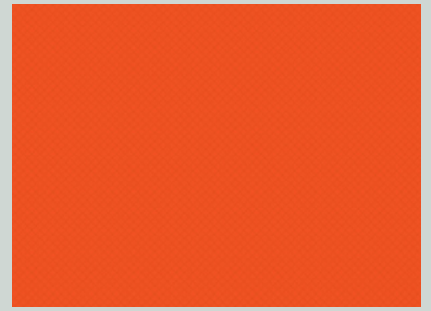
641 566 Navy Blue



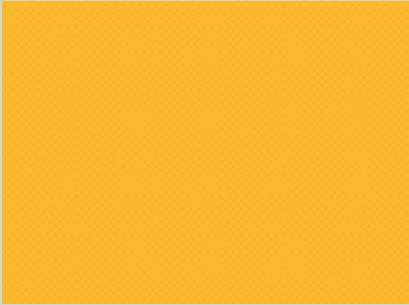
641 205 Canary Yellow



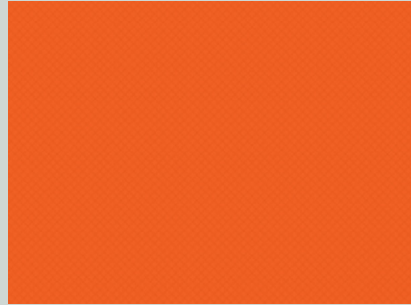
641 332 Mandarin



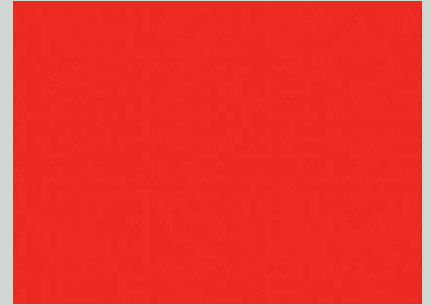
641 306 Burnt Orange



641 218 Sunflower



641 312 Tangelo



641 435 Cola Red



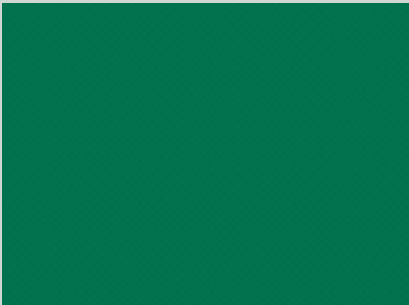
641 626 Lime



641 682 Shamrock



641 409 Ruby Red



641 646 Emerald



641 607 Wimbledon



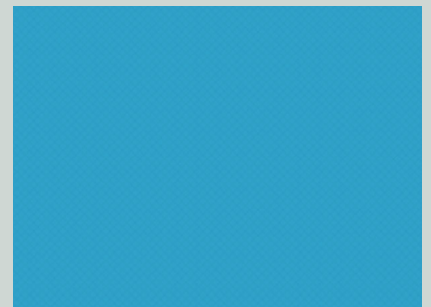
641 430 Magenta



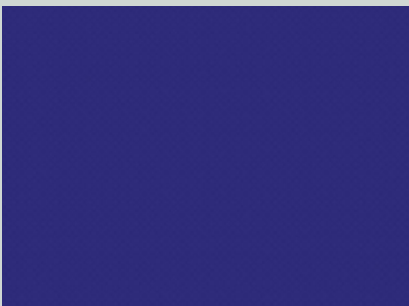
641 585 Sea Blue



641 548 Royal Blue



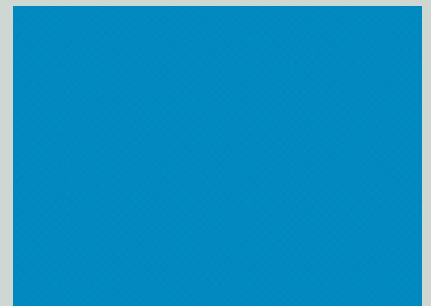
641 525 Sky Blue



641 505 Indigo



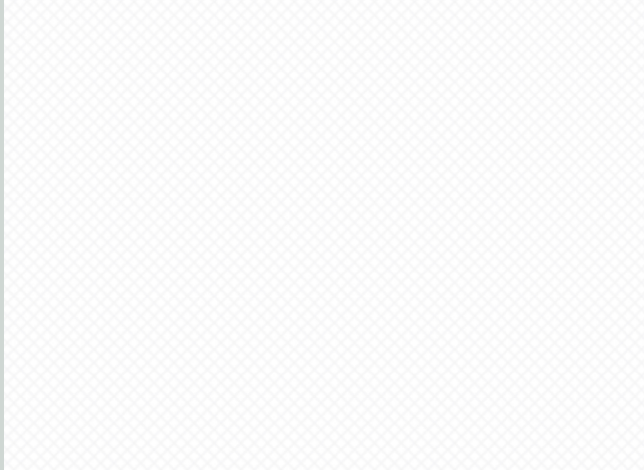
641 592 Radiant Blue



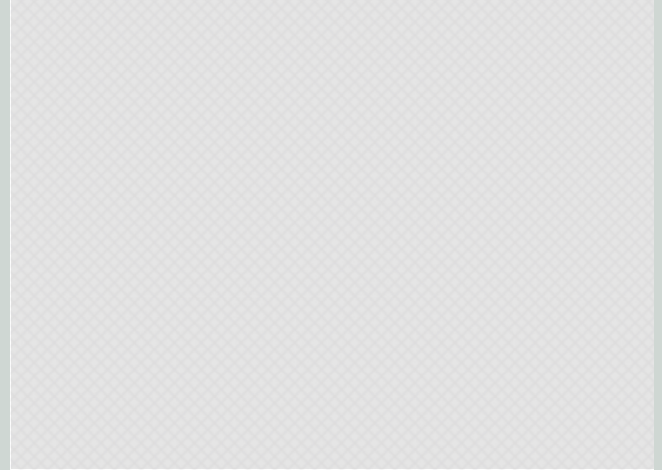
641 508 Santorini

# Diamond<sup>®</sup> Translucent

300cm



684 00B Translucent White



684 08B Translucent Grey

## Diamond Translucent Specifications and standards

Highest quality Austrian made architectural fabric with natural light transmission and UV protection.

Blocks out the sun's heat and glare, creating warm shade with soft natural light.

- Lower lighting and heating costs.
- Weldable PVDF coating for extra long life and easy cleaning.
- Wide width format 300cm.

### Applications:

**7 Year Warranty:** Small to medium size tension structures, shade sails, canopies, fixed frame awnings, façades and dividing walls.

### Available in white and grey.

Light transmission factors and UV performance as shown in chart at right.

|                      |                     |                              |
|----------------------|---------------------|------------------------------|
| Width                | 300cm               |                              |
| Yarn                 | 1100 Dtex           | DIN EN ISO 2060              |
| Weight               | 690g/m <sup>2</sup> | DIN EN ISO 2411              |
| Tensile Strength     | 3000/3000 (N/5cm)   | DIN EN ISO 1421              |
| Tear Resistance      | 300/300 (N)         | DIN EN 53363                 |
| Adhesion             | 100 (N/5cm)         | DIN EN ISO 2411              |
| Cold/Heat Resistance | -45 C / +70 C       | DIN EN 1876-1<br>IVK – PKT.5 |
| Weldable PVDF Finish | Anti-wick yarn      | Anti-microbial               |
| Flame Retardant      | AS/NZS 1530.2.3     | EN 13501-1 M2                |
| Light Fastness       | 7/8                 | DIN EN ISO 105-B02           |

|                        | White 68400B | Grey 68408B |
|------------------------|--------------|-------------|
| Light Transmission     | 38.75%       | 32.35%      |
| Radiation Transmission | 36.09%       | 31.74%      |
| Radiation Reflection   | 52.33%       | 49.43%      |
| Radiation Absorption   | 11.58%       | 18.83%      |
| G-Value                | 0.3908       | 0.366       |