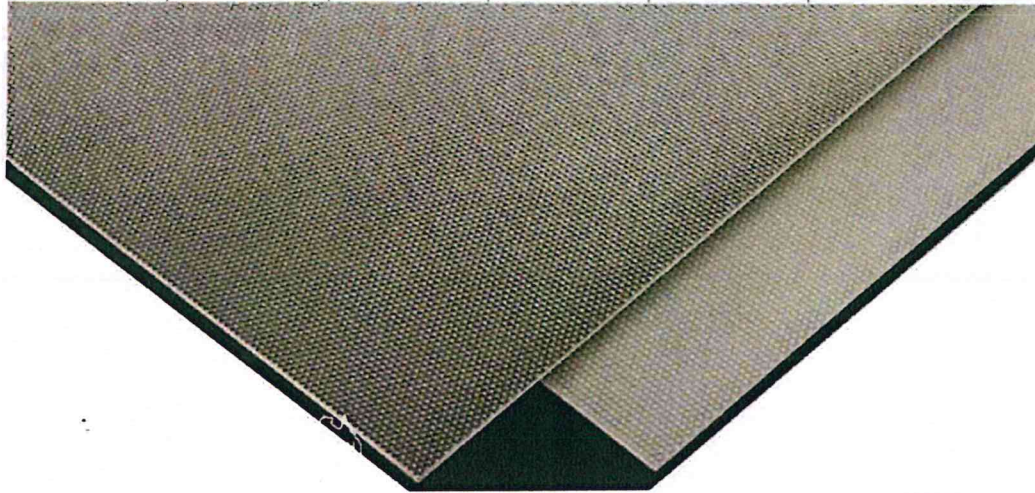


TECHNICAL DATA SHEET

Y12 (Prismatic Lighting Diffuser Panel)



Applications

- General offices
- Clinical facilities
- Retail areas
- Skylights
- Schools

Description

Y12 is the original prismatic pattern lighting panel whose overall efficiencies and lamp concealment qualities have become the benchmarks against which other prismatic panels are judged. With a 5mm diagonal female prism pattern, Y12 provides maximum efficiency and good brightness control in the direct glare zone.

Quality

Acrylic material used in Y12 meets or exceeds recognised standards.

Under normal interior conditions these lenses will perform satisfactorily for 20 years.

Y12 is manufactured from 100% Acrylic (Polymethylmethacrylate). Flammability Rating-UL94 HB.

Performance

(Based on photometric tests)

- Light output ratio of 74%
- Typical unified glare rating of 22

Thickness

Prism depth 1.8mm

Thickness 2.5, 2.8, 3.0, 4.0mm



Prism size 5mm x 5mm

Prism config. Female at a 45° axis

Prism depth 1.8mm

Max width 1270mm

Max length 2540mm

Standard Sizes (nominal)

2540mm x 1270mm

1270mm x 1270mm

1190mm x 290mm

Cut to size upon request.

Please Note:The above Technical Data Sheet is a general guide to the physical properties of the material. This information is given without Warranty or Liability. It is the customers responsibility to determine if this product is suitable for the application.