

J. B. TREASURE & Co. Ltd.

BOROSILICATE GLASS

Borosilicate Glass is a specially produced glass which combines the unique advantages of transparency, thermal and chemical resistance, it also has a high degree of electrical resistance.

The properties of borosilicate glass mean that it is an ideal material for use in heating lighting, optical, and chemical applications.

Its many uses include:- Fire Fronts, Covers for Heater Elements, Flame Sights, Light Covers and Diffusers, Safety Glasses, Astronomical Mirrors and Lenses, and Sight Glasses in Chemical Vessels.

Borosilicate glass can also be toughened to increase its strength and thermal shock resistance.

SPECIFICATIONS :

THICKNESS	From 1 mm to 57mm
SURFACE FINISH	Rolled, Polished or Float
SHEET SIZE	Maximum 1524mm(60") x 724mm (30")
MAXIMUM TEMPERATURE	490° C Annealed Quality 350° C Toughened Quality
THERMAL SHOCK	125° C Annealed Quality 250° C Toughened Quality
REFRACTIVE INDEX	1.474

When used as observation glasses in pressure vessels the glasses are produced in accordance with BS3463

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