

OPALIKA®

Product Information

OPALIKA® is a white flashed opal glass that distributes light evenly and, thus, emits light that resembles daylight and hardly casts any shadows.

Product Advantages

Proper lighting contributes towards ensuring that we feel comfortable inside rooms in a big way. After all, we spend a large portion of our lives inside rooms. This especially applies to the room interiors of public buildings with large-scale lighting, including banks, museums and trade fair halls, for example. Unlike point-based spotlights, OPALIKA® from SCHOTT distributes light very evenly and, thus, creates a pleasant atmosphere. For this reason, the neutrally-colored base glass with the thin milk glass layer is perfectly suited for larger illuminate ceilings that fit in harmoniously with the overall composition of a room. The good technical lighting characteristics of OPALIKA® also ensure excellent rendering of color. For this reason, OPALIKA® is also used for backlit partitions!

Applications

Due to its excellent light transmittance, OPALIKA® is perfectly suited for use in illuminated ceilings, backlit wall coverings and elements for use in interior design. Usage in the furniture and door is also conceivable (doors made entirely of glass, light openings or partitions). OPALIKA® has also already been put to use in cladding facades or parapet elements.

Materials

| Nominal thickness in mm | Tolerance in mm | Dimensions (length x width) in mm x mm |
|----------------------------|--------------------|---|
| 2.4 | ± 0.30 | 1400 x 1600 |
| 3.00 | ± 0.30 | 1400 x 1600 2000 x 1600 2200 x 1600 |
| 3.85 | ± 0.35 | 1400 x 1600 2000 x 1600 2400 x 1600 |
| 4.65 | ± 0.35 | 1400 x 1600 2000 x 1600 2400 x 1600 |
| 5.50 | ± 0.50 | 1400 x 1600 2000 x 1600 2400 x 1600 |
| 8.00 | ± 0.50 | 2100 x 1500 2100 x 1000 |

Forms of Supply

Available as either stock sizes from flat glass wholesalers or in already processed versions for the respective processing companies in the furniture and lighting industries.

For further information please contact:

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Specifications

In addition to even distribution of light, OPALIKA® offers other advantages:

■ low suspension heights

The suspension height required to achieve even distribution of light with OPALIKA® is extremely low.

■ neutral in color

A specialized optical glass that is neutral in color provides the basis for OPALIKA® and the milky layer is practically white. This means that the color of the light produced by the light source is not altered.

■ scratch-resistant

OPALIKA® features high scratch resistance and is unsusceptible to surface damages.

■ stability of shape

OPALIKA® always remains stable in shape, regardless of the types of lamps that are used.

■ inflammable

OPALIKA® gives no cause for concern with respect to fire protection. According to DIN 4102, OPALIKA® ranks among the inflammable building materials that belong to building material class A1.

■ can be thermally tempered and shaped

OPALIKA® can be thermally tempered and shaped. Here, however, the differences in the viscosity behavior between the milk glass layer and the base glass must be taken into consideration. The degree of light transmittance can decline as a result of thermal treatment at the same time that light distribution improves.