

ALUWHITE98 REFLECTANCE STANDARDS



White reflectance standards, available in matte and gloss finish

Categories: [PHYSICAL STANDARDS](#), [REFLECTANCE STANDARDS](#)

- [Product Information](#)

AluWhite98's aluminum oxide based material exhibits reflectance in excess of 98% over the visible-NIR range. AluWhite98 is available in both matte and gloss surface finishes. All standards are available with NIST/NRC traceable calibrations for 8°/hemispherical reflectance factor from 250 nm to 2500 nm.

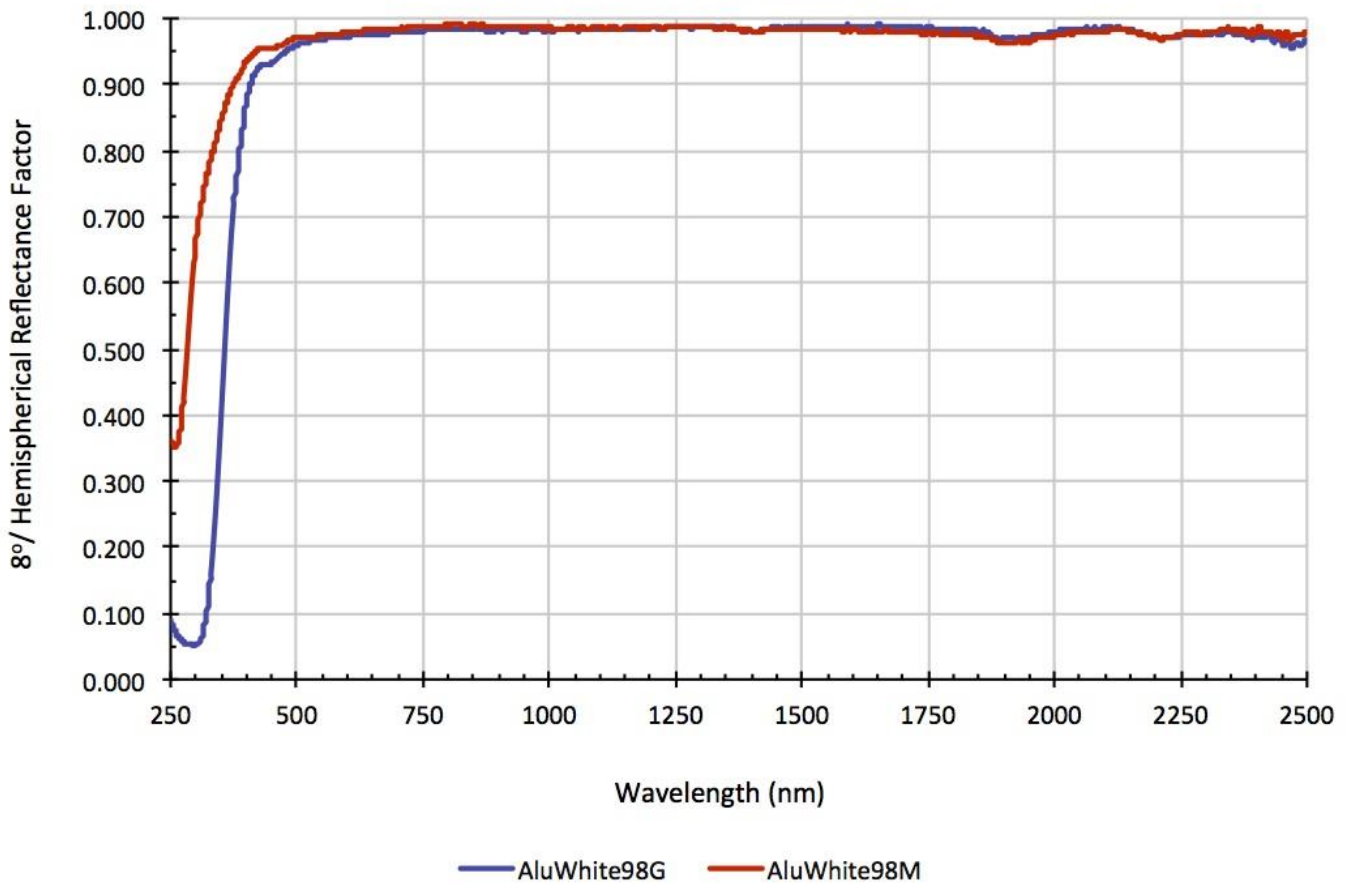
The matte material Aluwhite98(m) is quite diffuse and has a slightly higher overall reflectance than the glossy version, AluWhite98(g). AluWhite98(g) is a better choice if the standard needs to be easily cleanable.

Both of these materials should be considered as a replacement for Russian Opal glass, which is no longer available.

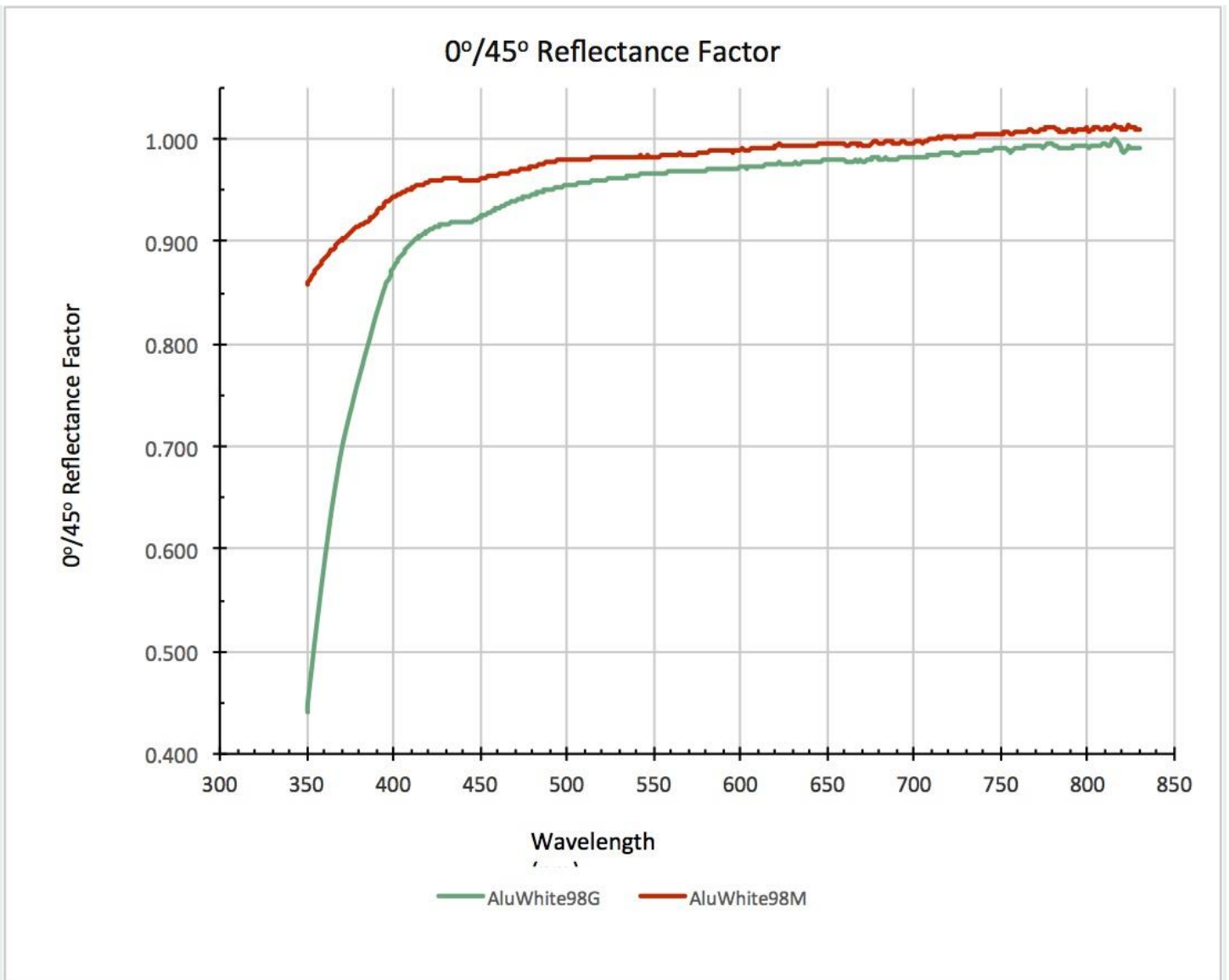
Options/Specifications

| | |
|-------------|---|
| Finish | Matte or glossy |
| Calibration | Calibrated or uncalibrated |
| Dimensions | 2" (50.8 mm) squares or 1.5" (38 mm) disks, either mounted or unmounted |

8°/Hemispherical Reflectance Factor



AluWhite 8°/Hemispherical Reflectance Factor



AluWhite 0°/45° Reflectance Factor

- Ordering**

- | | |
|-----------------------|--|
| AluWhite98-02m | <i>AluWhite Matte Reflectance Standard High reflectance alumina ceramic, 2" square mounted in Delrin holder</i> |
| AluWhite98-02g | <i>AluWhite Glossy Reflectance Standard High reflectance alumina ceramic, 2" square mounted in Delrin holder</i> |
| AluWhite98-15m | <i>AluWhite Matte Reflectance Standard High reflectance alumina ceramic, 1.5" diameter mounted in Delrin holder</i> |
| AluWhite98-15g | <i>AluWhite Glossy Reflectance Standard High reflectance alumina ceramic, 1.5" diameter mounted in Delrin holder</i> |
| Custom | <i>Custom products are our specialty! Contact us for more information.</i> |



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