

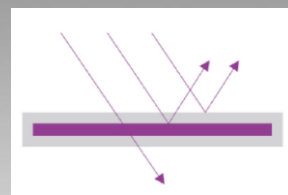
Mega-Star Metallic Complex Effect Pigments are platy, micro-sized metallic effect pigments. They are comprised of thin sheets of calcium aluminum borosilicate coated in real precious metals; gold, silver or palladium. Compared to standard pearl pigments, Mega-Star provides enhanced features, such as:

- High Reflectivity
- High Brilliance
- Heat & Chemical Stability
- Color Stability

Mega Star vs Standard Pearls



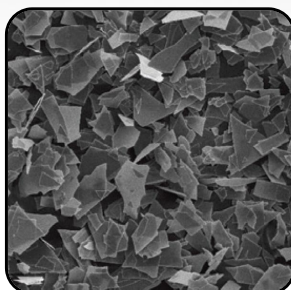
Total Reflection



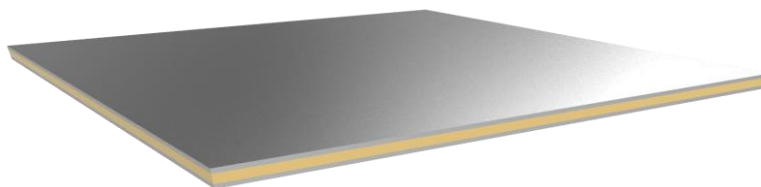
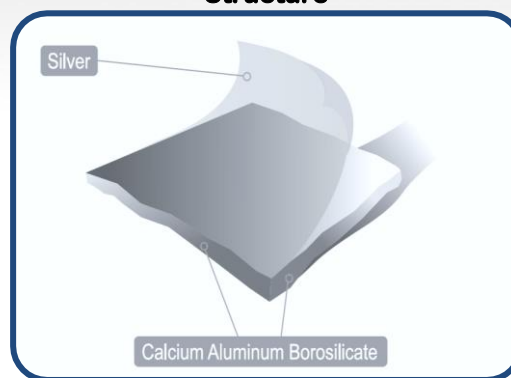
Loss of Light

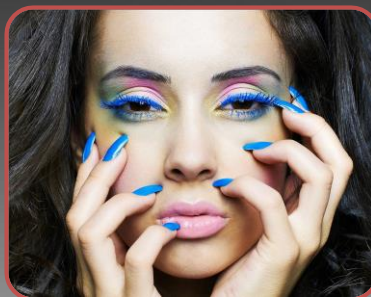
Mega-Star Silver

SEM



Structure





GRADE	COMPOSITION	AVG. PARTICLE SIZE	PARTICLE THICKNESS
Mega Star S20	Calcium aluminum borosilicate & Silver	15-25 μm	1- 3 μm
Mega Star S40	Calcium aluminum borosilicate & Silver	35-45 μm	1- 3 μm
Mega Star S60	Calcium aluminum borosilicate & Silver	55-65 μm	1- 3 μm
Mega Star S80	Calcium aluminum borosilicate & Silver	75-85 μm	1- 3 μm
Mega Star Silver 19A00	Calcium aluminum borosilicate & Silver & Tin Oxide	90-100 μm	1- 3 μm
Mega Star S100	Calcium aluminum borosilicate & Silver	95-105 μm	1- 3 μm
Mega Star T90	Calcium aluminum borosilicate & Silver	95-105 μm	4- 6 μm
Mega Star GT90	Calcium aluminum borosilicate & Gold & Silver	95-105 μm	4- 6 μm
Mega Star GS100	Calcium aluminum borosilicate & Gold & Silver	95-105 μm	1- 3 μm

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

January 24, 2019 rev