

# SOC 410 시리즈 VS Bench-top 반사율 데이터 비교

## Portable reflectometer VS laboratory reflectometer

Total reflectance comparison between 410-Solar and Cary 5000 for all samples. Each sample was measured three times and reflectance values were averaged.

Coating Sample	Cary 5000	410-Solar
White Knight Plus on Panel	0.82 +/- 0.02	0.82 +/- 0.02
White Knight Plus on Shingle	0.80 +/- 0.02	0.80 +/- 0.02
Pyramic on Panel	0.82 +/- 0.02	0.80 +/- 0.02
Pyramic on Shingle	0.82 +/- 0.02	0.81 +/- 0.02
White Coating	0.84 +/- 0.02	0.84 +/- 0.02
TPO	0.77 +/- 0.02	0.76 +/- 0.02
Beige Acrylic	0.69 +/- 0.02	0.70 +/- 0.02
Aluminized Shingle	0.64 +/- 0.02	0.64 +/- 0.02
EPDM	0.16 +/- 0.015	0.15 +/- 0.02
Shingle	0.17 +/- 0.015	0.17 +/- 0.02

## GRAPH OF Cary 5000 vs 410-Solar Data for Sample Material

Gray line shows Cary 5000 spectral data compared with rectangles representing 410-Solar in-band data for the pyramic on panel coating sample.

