Skyline® T894
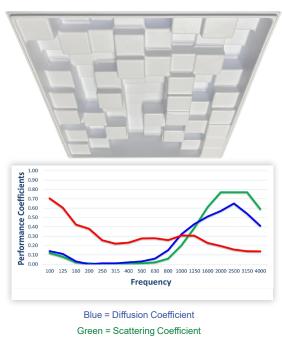
Blue = Diffusion Coefficient

Green = Scattering Coefficient

Red = E-400 Mount Absorption Coefficient - NRC = 0.25, SAA = 0.26

Additional test data is available – please see the Supplementary Acoustical Data Charts online or contact your local RPG Sales Representative.

Frequency (Hz)	E400 Diffusion Coefficient
100	0.14
125	0.11
160	0.03
200	0.00
250	0.01
315	0.01
400	0.02
500	0.03
630	0.06
800	0.15
1000	0.32
1250	0.43
1600	0.51
2000	0.57
2500	0.65
3150	0.54
4000	0.41

PRODUCT OVERVIEW

Interfering reflections can be controlled by absorption or diffusion. In smaller spaces (conference rooms, classrooms, recording studios, broadcast studios, home theaters, film mix and dubbing stages, music practice rooms, etc.), it is often desirable to control interfering reflections and provide an ambient sound field using diffusion instead of absorption. A very efficient diffusing surface is needed when the room's surfaces are relatively close to the listener. RPG developed Skyline®, the industry's first, and most efficient, omnidirectional primitive root number theory, two-dimensional diffusor to solve this problem. The **Skyline® T894 Panel** introduces a fire-rated recessed design that has been optimized for T-grid ceilings. The uniform scattering of the **Skyline® T894 Panel** minimizes acoustical glare and offers balance to designs for performance, technology and communication spaces.

SIZING

• Standard Panel: 23-3/4" W x 23-3/4" L x 4-11/16" D
• Each panel weighs approx. 1.00 lb/ft^2

COMPONENT FIRE RATING

Class A (per ASTM E-84)

FINISH

The **Skyline® T894 Panel** comes in a standard natural white finish and can either be painted on-site or factory color-matched to any paint color specification. See RPG's Tech Brief "Painting Thermoformed Plastic Sheet Products" for field painting recommendations.

Units can also be wrapped with RPG-reviewed industry standard and custom fabrics. Fabrics with acoustical performance data are preferred.

INSTALLATION

The **Skyline® T894 Panel** has a unique panel design which allows for the standard panel to drop into a 9/16" or 15/16" T-grid system supplied by others. The panels can also be wall-mounted using RPG-provided trim.

Note: Replaces Skyline® EPS - Discontinued