Ambient Light Rejecting Front Projection Material Comparison

Screen Material	CineGrey 3D®	CineGrey 4D	CineGrey 5D®
Picture			
Description	The CineGrey 3D® is a front projection screen material formulated for environments with minimal control of room lighting. It was designed to enhance picture brightness, produce accurate color fidelity, and improve contrast levels.	The CineGrey 4D is a front projection ceiling ambient light rejecting material for standard throw projectors. It can reject up to 63% of off-axis lighting while providing a bright, contrast rich image in moderate light room environments.	The CineGrey 5D® is a front projection material designed to reject ambient light while maintaining superb picture quality. It's an ideal fit for rooms that have little or no control over incidental light. Helps maintaing color purity for contrast rich images.
Available in Screen Series	Sable Frame, Aeon EDGE FREE®, Designer Cut	Starling Tab-Tension 2	ezFrame, Starling Tab-Tension 2, Designer Cut
Projection Type	Front	Front	Front
Projector compatibility	Standard Throw only	Standard Throw only	Standard Throw only
Type of material	PVC Flexible	PVC Flexible	PVC Flexible
Reflective technology type	Angular-Reflective	Angular-Reflective	Angular-Reflective
Ambient Light Rejecting	Yes (reflects up to 65%)	Yes (reflects up to 63%)	Yes (reflects up to 75%)
Best for environments	Moderate ambient light control rooms and dark rooms	Moderate ambient light control rooms and dark rooms	High ambient light control rooms and dark rooms
Gain	1.2	1.1	1.5
Viewing Angle	90°	70°	80°
Minimum Throw Ratio	1.5 x Image Width	1.5 x Image Width	1.5 x Image Width
Black backing	No	No	No
3D Ready	Active	Active	Active
4K/8K Ultra HD Ready	Yes	Yes	Yes
Color	Silver/Gray	Silver	Silver/Gray
Cleaning Method	Microfiber Cloth	Microfiber Cloth	Microfiber Cloth
ISF Certified	Yes	Yes	Yes
GREENGUARD® Certified	Yes	Yes	Yes
Flame Retardant	Yes, Complies with NFPA 701	N/A	Yes, Complies with NFPA 701