



POLACOAT® IN-WALL

Rear Projection Screens

DA-LITE SCREEN COMPANY, INC.
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SPECIFICATION DATA

DA-PLEX™

SUGGESTED SPECIFICATIONS:

DA-LITE'S POLACOAT® DA-PLEX™ IN-WALL REAR PROJECTION SCREENS

Rear projection screens shall be Da-Lite's Polacoat In-Wall Da-Plex™, Type DA-100, DA-150, DA-180, DA-230 or Video Vision in thicknesses of 1/4", 3/8" or 1/2" as manufactured by Da-Lite Screen Company, Inc., Polacoat Division, Blue Ash, Ohio. The screen substrate shall be clear acrylic plastic. The substrate shall have an optical coating on one surface not exceeding .004" in thickness. The overall size of the acrylic panels shall be as detailed with tolerances of ±.125" for 1/4" or ±.250" for 3/8" or ±.375" for 1/2".

NOTES:

Da-Plex™ rear projection screens shall be mounted with the coated surface toward the audience.

Job site installation and framing shall conform to manufacturer's recommendations.

Da-Plex™ screens cannot be cut in the field.

OPTIONAL EXTRAS:

- High Contrast Tint
- Factory mounted aluminum frame

DA-PLEX... Available Sizes for Various Thicknesses*

Thickness	Approx. Net Wt. Per Sq. Ft.	Approx. Shipping Wt. Per Sq. Ft.
1/4" – up to 9'x18'	1-1/2 lbs.	9 lbs.
3/8" – up to 9'x18'	2-1/4 lbs.	12 lbs.
1/2" – up to 9'x18'	3 lbs.	15 lbs.

*Larger sizes available upon request and special order

DA-GLAS™

SUGGESTED SPECIFICATIONS:

DA-LITE'S POLACOAT® DA-GLAS™ IN-WALL REAR PROJECTION SCREENS

Rear projection screens shall be Da-Lite's Polacoat In-Wall Da-Glas™, Type DA-100, DA-150, DA-180, DA-230 or Video Vision in thicknesses of 1/4", 3/8" or 1/2" as manufactured by Da-Lite Screen Company, Inc., Polacoat Division, Blue Ash, Ohio. The screen substrate shall be clear float glass. The substrate shall have an optical coating on one surface not exceeding .004" in thickness. The overall size of the glass panels shall be as detailed with tolerances of ±.125" for 1/4", ±.250" for 3/8" or ±.375" for 1/2".

NOTES:

Da-Glas™ rear projection screens shall be mounted with the coated surface toward the audience.

Job site installation and framing shall conform to manufacturer's recommendations.

Da-Glas™ screens cannot be cut in the field.

OPTIONAL EXTRAS:

- High Contrast Tint
- Factory mounted aluminum frame

DA-GLAS... Available Sizes for Various Thicknesses*

Description	Approx. Net Wt. Per Sq. Ft.	Approx. Shipping Wt. Per Sq. Ft.
1/4" – up to 8'x12'	3-1/2 lbs.	12 lbs.
3/8" – up to 10'x20'	5-1/4 lbs.	16 lbs.
1/2" – up to 10'x20'	7 lbs.	20 lbs.

*Larger sizes available upon request and special order

INDICATE OVERALL DIMENSIONS OF SCREEN PANEL(S)

Viewing Area H= _____ W= _____ Overall Size H= _____ W= _____

PLEASE MARK APPROPRIATE SELECTIONS:

Select optical coating:

- VIDEO VISION: A special coating process produces a unity gain screen ideal for video projection under controlled light conditions. With an exceptionally wide viewing cone each seat in the audience will observe a uniform, bright, sharp image with chromatic fidelity.
- DA-100: The DA-100 coating is neutral gray in appearance and produces an on-axis gain of 1. This is the most uniform of all diffusion screens with contrast enhancement. This gain is particularly suited to high-resolution applications.
- DA-150: A neutral gray screen offering an on-axis gain of 1.5, the DA-150 is a surface well suited for applications whose viewing angles are not large but can benefit from moderate screen gain.
- DA-180: The neutral gray DA-180 screen's gain is 1.8. This is a particularly good surface when reduced viewing angles can allow for a higher gain performance. The half angle of the DA-180 is 30° with a generous viewing cone of 60°.
- DA-230: The DA-230 is a 2.3 gain, neutral gray screen. This screen's half angle is 25° with a viewing cone of 50°. Because of its higher gain, the DA-230 can successfully compete with larger amounts of ambient room light than lower gain screens.

Note: Custom gain screens available upon request.

Select substrate: Da-Plex (acrylic) Da-Glas (glass)

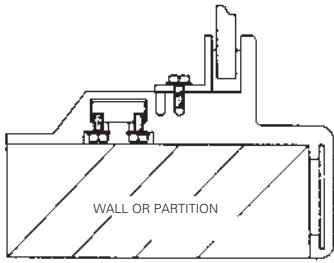
Select optional extra: High contrast tint

Select optional factory installed frame: *

- Deluxe frame (All thicknesses; up to 10'x20')
- Standard frame (1/4" and 3/8" only)
- Base frame (1/4" only; Da-Plex to 6'x8'; Da-Glas to 4'x5')
- Self trimming (up to 9'x16')

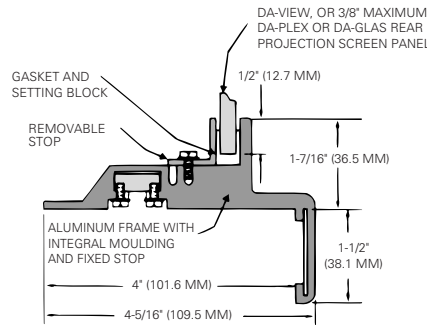
Project:	_____
Architect:	_____
Phone:	_____
Contractor:	_____
Phone:	_____
Supervisor:	_____
Phone:	_____
Date:	_____
Revised:	_____

FRAMING DETAIL SELF TRIMMING FRAME

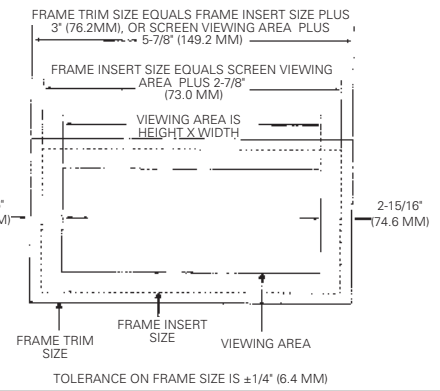


FRAMED DA-LITE DA-GLAS, DA-PLEX AND DA-VIEW IN-WALL REAR PROJECTION SCREENS SHOULD BE MOUNTED IN A VERTICAL POSITION, RESTING ON THE BOTTOM OF THE FRAME ON A SUITABLY REINFORCED SURFACE IN AN APERTURE IN A WALL OR PARTITION. THE UNIT SHOULD BE SHIMMED AND FIXED IN POSITION WITH APPROPRIATE HARDWARE TO LOCK THE FRAMED PANEL IN POSITION.

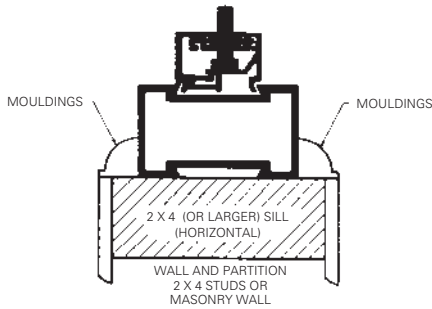
SELF TRIMMING FRAME



APPROXIMATE NET WEIGHT PER LINEAR FOOT
2 LBS. 8 OZ. (3.70 KG/M)

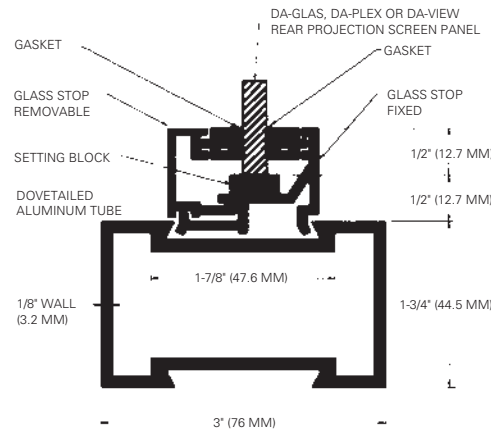


FRAMING DETAIL FOR DELUXE, STANDARD AND BASE FACTORY INSTALLED FRAME

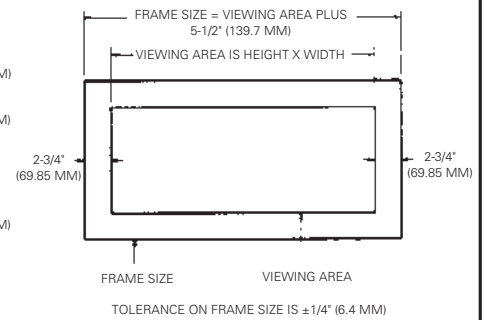


FRAMED DA-LITE DA-GLAS, DA-PLEX AND DA-VIEW IN-WALL REAR PROJECTION SCREENS SHOULD BE MOUNTED IN A VERTICAL POSITION, RESTING ON THE BOTTOM OF THE FRAME ON A SUITABLE REINFORCED SURFACE IN AN APERTURE IN A WALL OR PARTITION. THE UNIT SHOULD BE SHIMMED AND FIXED IN POSITION WITH APPROPRIATE MOULDINGS TO LOCK THE FRAMED PANEL IN POSITION.

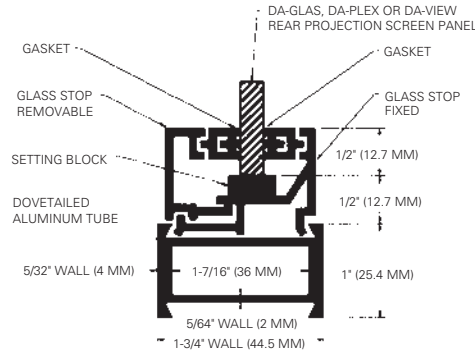
DELUXE FRAME



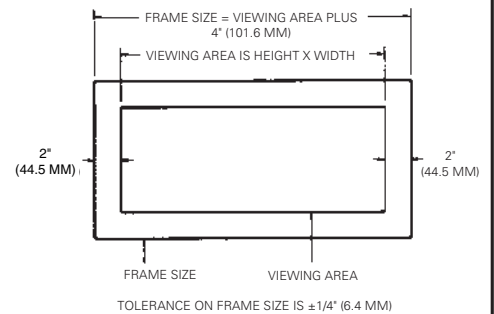
APPROXIMATE NET WEIGHT PER LINEAR FOOT:
1 LB. 13 OZ. (2.70 KG/M)



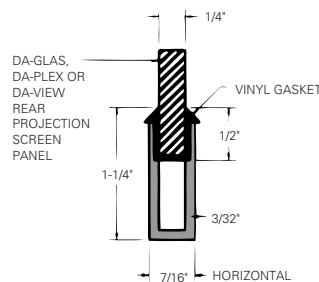
STANDARD FRAME



APPROXIMATE NET WEIGHT PER LINEAR FOOT:
1 LB. (1.48 KG/M)



BASE FRAME



APPROXIMATE NET WEIGHT PER LINEAR FOOT:
5 OZ. (1.42 KG/M)

