

LISO GLASS WALL

Classroom Series



Trigonometry

For the angle θ , the sides of the triangle are identified as shown:

Sine Rule: Opposite the side opposite the angle θ . Hypotenuse is the longest side, is opposite the right angle.

Cosine Rule: Opposite the angle θ . Adjacent the side adjacent to the angle θ .

Tangent Rule: Opposite the angle θ . Adjacent the side adjacent to the angle θ .

SOH - CAH - TOA

Sin $\theta = \frac{\text{Opposite}}{\text{Hypotenuse}}$ Cos $\theta = \frac{\text{Adjacent}}{\text{Hypotenuse}}$ Tan $\theta = \frac{\text{Opposite}}{\text{Adjacent}}$

The values of each side and angle for 30° , 45° , 60° and 90° are shown below.

Angle	Sin	Cos	Tan
30°	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{3}}$
45°	$\frac{1}{\sqrt{2}}$	$\frac{1}{\sqrt{2}}$	1
60°	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\sqrt{3}$
90°	1	0	-

Ex: A plane is flying east at 100 mph. The wind is blowing 20 mph toward 60° N of E. What is the resulting speed of the plane?

$$\vec{P} = 100\mathbf{i}$$
$$\vec{W} = 10\mathbf{i} + 10\sqrt{3}\mathbf{j}$$
$$\therefore \vec{R} = \vec{P} + \vec{W}$$
$$= 10\mathbf{i} + 10\mathbf{i} + 10\sqrt{3}\mathbf{j}$$
$$\vec{R} = 20\mathbf{i} + 10\sqrt{3}\mathbf{j}$$
$$\|\vec{R}\|$$

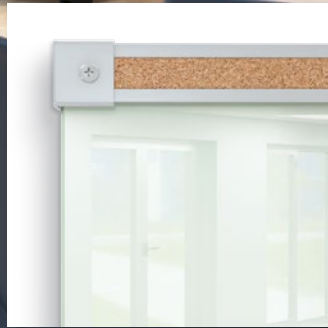
Diagram: A coordinate system with North (N) and East (E) axes. Vector \vec{P} is along the positive E-axis with magnitude 100. Vector \vec{W} is in the first quadrant, making a 60° angle with the E-axis and a 30° angle with the N-axis. Its horizontal component is 10 and its vertical component is $10\sqrt{3}$. The resultant vector \vec{R} is the vector sum of \vec{P} and \vec{W} .

VECTORS

A vector with magnitude

magnitude

- \vec{A}
- $2\vec{A}$
- $\frac{1}{2}\vec{A}$
- $-\vec{A}$
- $-2\vec{A}$



Truly the glass of fashion!

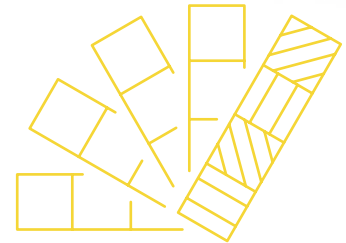
Turn your blank walls into something extraordinary with purpose.





LISO GLASS WALL - CLASSROOM SERIES

- Truly the glass of fashion! Turn your blank walls into something extraordinary with purpose.
- Transform your old whiteboards and walls with the Liso Classroom Series Glass Wall panel system. Liso is engineered to incorporate the best qualities of magnetic glass markerboards with a modular full wall whiteboard ensemble.
- Liso will modernize and elevate your walls instantly with smart style and functional whiteboard space, ideal for communication, collaboration, and creativity. Create a user-friendly and inviting room-sized presentation surface.
- Tempered safety glass is suited for use in any environment, from industrial to classroom and everything in between. Steel-backed glass accepts rare earth magnets.
- Glass is available standard in gloss white, or in any of our standard glass colors. Create one sleek monochrome wall, or mix and match for a designer appearance. Custom colors and graphics also available.
- The Liso Classroom Series features a full-length tackable map rail along the top edge, and a full-length anodized aluminum accessory tray along the bottom for storing markers and erasers.
- **Please note:** Glass wall construction cannot accommodate cut outs for outlets or light switches. Please take this into consideration when planning your glass wall mounting locations.
- Fifty year limited warranty. SCS Indoor Advantage Gold Certified.



This product can be customized! View our most up-to-date fabric and finish swatch catalog online by clicking the button below:

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PART NO.	ITEM	DIMENSIONS	SHIP WT.
PRODUCT			
GWB406-GLOSSWHITE	Liso Glass Wall - Classroom Series (Gloss White)	4'H x 6'W	79 lbs
GWB408-GLOSSWHITE	Liso Glass Wall - Classroom Series (Gloss White)	4'H x 8'W	104 lbs
GWB412-GLOSSWHITE	Liso Glass Wall - Classroom Series (Gloss White)	4'H x 12'W	170 lbs
GWB416-GLOSSWHITE	Liso Glass Wall - Classroom Series (Gloss White)	4'H x 16'W	224 lbs
GWB406-COLOR	Liso Glass Wall - Classroom Series (Specify Color)	4'H x 6'W	79 lbs
GWB408-COLOR	Liso Glass Wall - Classroom Series (Specify Color)	4'H x 8'W	104 lbs
GWB412-COLOR	Liso Glass Wall - Classroom Series (Specify Color)	4'H x 12'W	170 lbs
GWB416-COLOR	Liso Glass Wall - Classroom Series (Specify Color)	4'H x 16'W	224 lbs
GWB406-WHITE	Liso Glass Wall - Classroom Series (Low Iron White)	4'H x 6'W	79 lbs
GWB408-WHITE	Liso Glass Wall - Classroom Series (Low Iron White)	4'H x 8'W	104 lbs
GWB412-WHITE	Liso Glass Wall - Classroom Series (Low Iron White)	4'H x 12'W	170 lbs
GWB416-WHITE	Liso Glass Wall - Classroom Series (Low Iron White)	4'H x 16'W	224 lbs

Shipping weights are listed on a per item basis and may vary based on quantities ordered. Dimensions on all glass dry erase markerboards are estimated and may vary slightly.

*Ships UPS.

**Ships UPS with large package surcharge or additional handling fee.



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