

Mounting Instructions

For the most secure mounting, the board should be attached directly into wall studs. Ghent has supplied self-tapping screws for mounting into wooded wall studs and toggle anchors when wall studs cannot be used.

We also recommend at least three people install the board.

Install the board with the frosted side facing the wall.

1) Place the board up against the wall, at the desired height, and level the board. Using the holes in the board as a template, mark the drilling locations on the wall. Set the board aside.

2) Insert a mounting screw, or toggle anchor, into each stand-off.

3) Drill 3/32" (2MM) holes for the self-tapping screws, or 7/16" (11MM) holes for the toggle anchors at the marked locations on the wall.

4) Attached the stand-offs to the wall via the self-tapping screw, or toggle anchors.

5) Clean both sides of the board.

6) Install the standoff caps and the plastic washers into the board as shown.

7) Place the marker/eraser holder over the bottom right hand stand-off.

8) Lift the board and align the standoff caps with the mounted standoffs. Swing the marker/eraser holder up into the position shown and firmly screw the caps into the standoffs.

9) Complete the assembly by loading the markers and erasers into the marker/eraser holder as shown.

Instructions pour l'assemblage

Pour un assemblage sûr, les panneaux devraient être attachés directement dans les poteaux de cloison. Ghent a fourni des vis auto-taraudeuses pour assembler dans les poteaux de cloison en bois et boulons à ailettes lorsque les poteaux de cloison ne peuvent être utilisés.

Il est préférable qu'au moins trois personnes installent le panneau.

Installer le panneau avec le côté mat face au mur.

1) Placer le panneau en haut vers le mur, à la hauteur désirée, et le mettre à niveau. En utilisant les orifices dans le panneau comme modèle, marquer les endroits de forage dans le mur. Mettre la planche de côté.

2) Insérer une vis de montage ou boulon à ailette dans chaque douille entretoise autosertissable.

3) Forer des orifices de 3/32" (2MM) pour les vis auto-taraudeuses ou des orifices de 7/16" (11MM) pour les boulons à ailette aux emplacements marqués sur le mur.

4) Attacher les douilles entretoise autosertissables au mur à travers la vis auto-taraudeuses ou les boulons à ailette.

5) Nettoyez les deux côtés du conseil.

6) Installer les chapeaux des douilles d'entretoise autosertissables et les rondelles en plastique dans la planche tel qu'illustré.

7) Placer le porte-gomme à effacer/ marqueur par-dessus la douille entretoise autosertissable de droite.

8) Soulever la planche et aligner les chapeaux des douilles d'entretoise autosertissables avec les des douilles d'entretoise autosertissables montées. Balancer le porte-gomme à effacer/ marqueur en haut dans la position illustrée et visser fermement les chapeaux dans les douilles d'entretoise autosertissables.

9) Compléter l'assemblage en chargeant les marqueurs et les gommes à effacer dans les supports tel qu'illustré.

Instrucciones de Montaje

Para un montaje más seguro, la tabla se debe asegurar directamente en los montantes de la pared. Ghent ha incluido tornillos autorroscantes (golosos) para montaje en paredes de madera y anclajes cuando no se puedan usar montantes.

También recomendamos que al menos tres personas instalen la tabla.

Instale la tabla con el lado corrugado contra la pared.

1) Coloque la tabla contra la pared, a la altura deseada, y nivele la tabla. Usando los huecos en la tabla como una plantilla, marque la ubicación de los agujeros en la pared. Deje la tabla a un lado.

2) Inserte un tornillo de montaje, o anclaje, en cada sujetador.

3) Taladre agujeros de 3/32" (2MM) para los tornillos autorroscantes, o agujeros de 7/16" (11MM) para las anclajes en la ubicación marcada en la pared.

4) Asegure los sujetadores a la pared usando los tornillos autorroscantes, o anclajes.

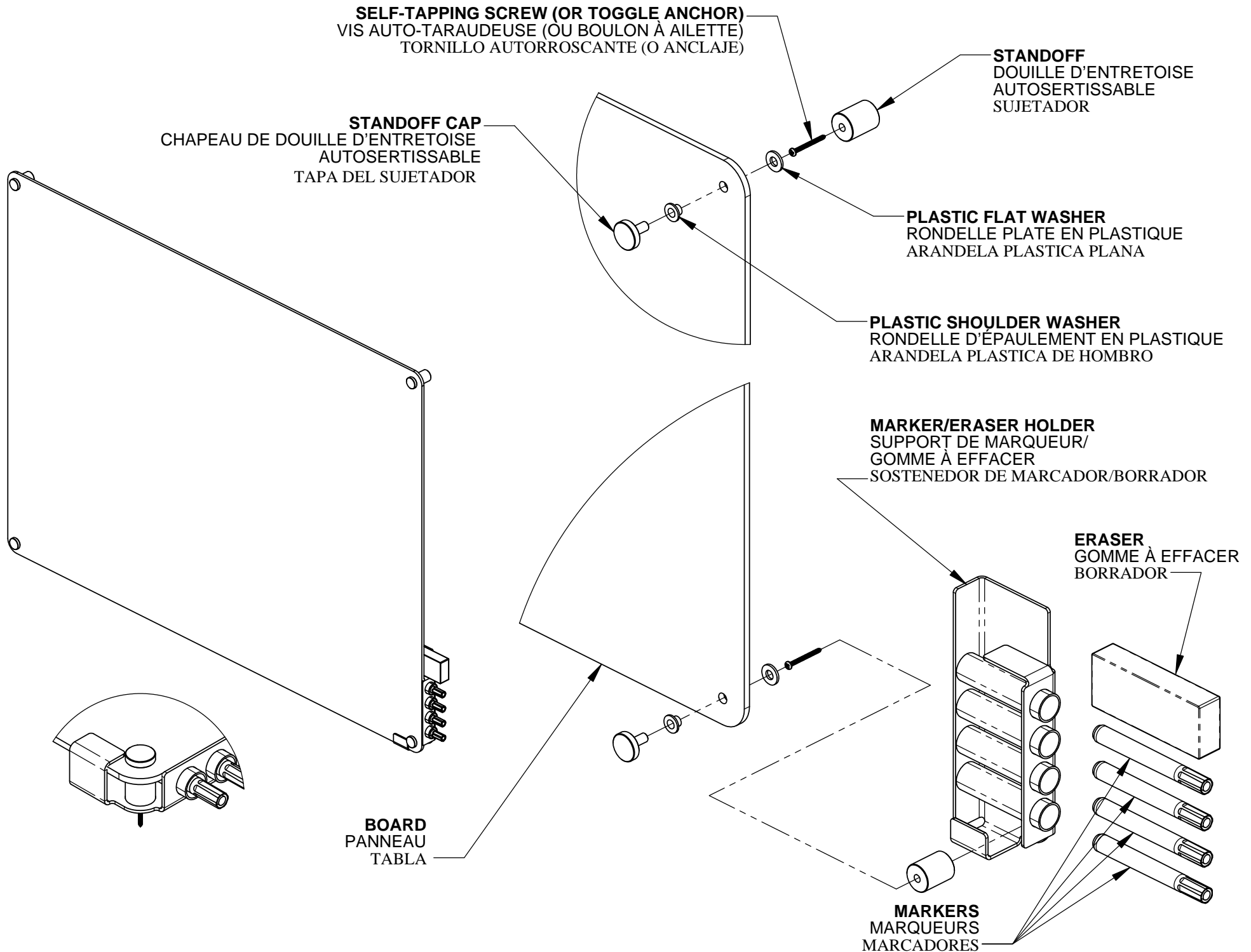
5) Limpie a ambos lados del tablero.

6) Instale las tapas de los sujetadores y las arandelas plásticas en la tabla tal y como se muestra.

7) Coloque el sostenedor del marcador/borrador sobre el sujetador del lado derecho de abajo.

8) Levante la tabla y alinee las tapas de los sujetadores con los sujetadores montados. Mueva el sostenedor del marcador/borrador a la posición que se muestra, atornille con firmeza las tapas en los sujetadores.

9) Para completar el ensamble ponga los marcadores y borradores en el sostenedor de marcador/borrador como se muestra.



Toggle Bolt Specifications

- + Adjustable to accommodate various wall thickness up to 2-1/2"
- + Easy to use and works in a variety of base materials

Installation Specifications

Dimensions		Anchor Diameter, d					
		1/8"	3/16"	1/4"	5/16"	3/8"	1/2"
Minimum ANSI Drill Bit Size, d bit (in.)	Wall Board	3/8	1/2	5/8	7/8	7/8	1-1/4
	Hollow CMU	1/2	9/16	3/4	7/8	1	1-1/4
Wing Clearance (in.)		1-1/16	1-3/8	1-1/2	2-1/8	2-1/8	3
Thread Size (UNC)		6-32	10-24	1/4-20	5/16-18	3/8-16	1/2-13

1.) Column highlighted in yellow is in reference to the Ghent supplied hardware.

Ultimate Load Capacities for Toggle Bolt in Wallboard

Anchor Diameter d in. (mm)	3/8" Wallboard		1/2" Wallboard		5/8" Wallboard		3/4" Wallboard	
	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
1/8 (3.2)	115 (0.5)	120 (0.5)	150 (0.7)	135 (0.6)	190 (0.9)	180 (0.8)	220 (1.0)	210 (0.9)
3/16 (4.8)	130 (0.6)	140 (0.6)	185 (0.8)	190 (0.9)	235 (1.1)	235 (1.1)	290 (1.3)	280 (1.3)
1/4^2 (6.4)	215 (1.0)	210 (0.9)	235 (1.1)	235 (1.1)	265 (1.2)	260 (1.2)	315 (1.4)	300 (1.4)
5/16 (7.9)	240 (1.1)	240 (1.1)	250 (1.1)	280 (1.3)	275 (1.2)	300 (1.4)	320 (1.4)	340 (1.5)
3/8 (9.5)	245 (1.1)	250 (1.1)	255 (1.1)	295 (1.3)	290 (1.3)	315 (1.4)	340 (1.5)	355 (1.6)
1/2 (12.7)	255 (1.1)	275 (1.2)	325 (1.5)	315 (1.4)	390 (1.8)	375 (1.7)	415 (1.9)	400 (1.8)

1.) The values listed above are ultimate load capacities which should be reduced by a minimum safety factor of 4.0 or greater to determine the allowable working load.

2.) Row highlighted in yellow is in reference to the Ghent supplied hardware.

Material Specifications

Anchor Component	Component Material
Wing	AISI 1010
1/8" - 3/8" Trunion Nut	AISI 1010
1/2" Trunion Nut	Zamac Alloy
Bolt	Carbon Steel - ANSI B18.6.3
Zinc Plating	ASTM B633, SC1, Type III, (Fe/Zn 5)

Allowable Load Capacities for Toggle Bolt in Wallboard

Anchor Diameter d in. (mm)	3/8" Wallboard		1/2" Wallboard		5/8" Wallboard		3/4" Wallboard	
	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
1/8 (3.2)	30 (0.1)	30 (0.1)	40 (0.2)	35 (0.2)	50 (0.2)	45 (0.2)	55 (0.2)	55 (0.2)
3/16 (4.8)	35 (0.2)	35 (0.2)	45 (0.2)	50 (0.2)	60 (0.3)	60 (0.3)	75 (0.3)	70 (0.3)
1/4^2 (6.4)	55 (0.2)	55 (0.2)	60 (0.3)	60 (0.3)	65 (0.3)	65 (0.3)	80 (0.4)	75 (0.3)
5/16 (7.9)	60 (0.3)	60 (0.3)	65 (0.3)	70 (0.3)	70 (0.3)	75 (0.3)	80 (0.4)	85 (0.4)
3/8 (9.5)	60 (0.3)	65 (0.3)	65 (0.3)	75 (0.3)	75 (0.3)	80 (0.4)	85 (0.4)	90 (0.4)
1/2 (12.7)	65 (0.3)	70 (0.3)	80 (0.4)	80 (0.4)	100 (0.5)	95 (0.4)	105 (0.5)	100 (0.5)

1.) Allowable load capacities listed are calculated using an applied safety factor of 4.0

2.) Row highlighted in yellow is in reference to the Ghent supplied hardware.

Ultimate & Allowable Load Capacities for Toggle Bolt in Hollow Concrete Masonry

Anchor Diameter d in. (mm)		1/8 (3.2)	3/16 (4.8)	1/4^2 (6.4)	5/16 (7.9)	3/8 (9.5)	1/2 (12.7)
f _m ≥ 1,500 psi (10.4 Mpa)	Ultimate Load	lbs. (kN)	195 (0.9)	250 (1.1)	350 (1.6)	430 (1.9)	1,160 (3.2)
		lbs. (kN)	180 (0.8)	355 (1.6)	595 (2.7)	680 (3.1)	800 (3.6)
	Allowable Load	lbs. (kN)	40 (0.2)	50 (0.2)	70 (0.3)	85 (0.4)	140 (0.6)
		lbs. (kN)	35 (0.2)	70 (0.3)	120 (0.5)	135 (0.6)	160 (0.7)

1.) Tabulated load values are for anchors installed in minimum 6-inch wide, Grade N, Type II, medium and normal-weight concrete masonry units. Mortar must be minimum Type N.

2.) Allowable loads are based on average ultimate values using a safety factor of 5.0.

3.) Row highlighted in yellow is in reference to the Ghent supplied hardware.

Harmony Marker Holder Install For Pre-Hung Boards

Have a Harmony board that is pre-hung but need to install your marker holder?
No Problem! Follow our easy step by step instructions below:

Step 1:



Step 2:



Step 3:



Step 4:



Step 5:



Step 5 Continued:



Step 6:

