EASY CURVE DRYWALL

PRE-GROOVED. READY TO FLEX.

PRODUCT DATA

SPECIFICATION SHEET

Groove Manufacturing Group Inc. · Rev. 1 · November 2026

PRODUCT DESCRIPTION

Easy Curve Drywall is a pre-grooved gypsum board for curved walls, ceilings, columns, archways, bulkheads and custom architectural features. Standard 1/2" and 5/8" gypsum boards are precision CNC-grooved on the back, so the board bends to a smooth, controlled curve while the finished face stays intact.

Boards ship flat for easy transport and handling, and bend on site over wood or steel curved framing. Available in standard and moisture-resistant (waterboard) versions, as full sheets and as pre-cut strips and panels.

PRODUCTS & SIZES

SKU	BOARD	THICKNESS	SIZE	COVERAGE	PACK	APPROX. WEIGHT
ECD-1296	Standard	1/2"	48" x 96"	32 sq ft	Sheet	~40 lb / sheet
ECD-12108	Standard	1/2"	48" x 108"	36 sq ft	Sheet	~45 lb / sheet
ECD-12120	Standard	1/2"	48" x 120"	40 sq ft	Sheet	~50 lb / sheet
ECDWB-1296	Waterboard	1/2"	48" x 96"	32 sq ft	Sheet	~43 lb / sheet
ECDWB-12120	Waterboard	1/2"	48" x 120"	40 sq ft	Sheet	~54 lb / sheet
ECD-5896	Standard	5/8"	48" x 96"	32 sq ft	Sheet	~70 lb / sheet
ECD-58108	Standard	5/8"	48" x 108"	36 sq ft	Sheet	~79 lb / sheet
ECD-58120	Standard	5/8"	48" x 120"	40 sq ft	Sheet	~88 lb / sheet
ECDWB-5896	Waterboard	5/8"	48" x 96"	32 sq ft	Sheet	~77 lb / sheet
ECDWB-58120	Waterboard	5/8"	48" x 120"	40 sq ft	Sheet	~96 lb / sheet
ECD-121178	Standard strip	1/2"	11 7/8" x 48"	39.6 sq ft / box	10 pcs / box	~50 lb / box
ECD-124848	Standard panel	1/2"	48" x 48"	32 sq ft / pack	2 pcs / pack	~40 lb / pack
ECD-581178	Standard strip	5/8"	11 7/8" x 48"	35.6 sq ft / box	9 pcs / box	~78 lb / box
ECD-584848	Standard panel	5/8"	48" x 48"	32 sq ft / pack	2 pcs / pack	~70 lb / pack

TECHNICAL DATA

PROPERTY	1/2" STANDARD	1/2" WATERBOARD	5/8" STANDARD	5/8" WATERBOARD
Base board	CGC Sheetrock UltraLight	CGC Sheetrock UltraLight Mold Tough	CGC Sheetrock Firecode X	CGC Sheetrock Mold Tough Firecode X
Base board standard	ASTM C1396	ASTM C1396	ASTM C1396	ASTM C1396
Core type	Regular, lightweight	Water- and mould-resistant	Type X (fire-rated core)	Type X, water- and mould-resistant
Edge	Tapered long edges, square ends	Tapered long edges, square ends	Tapered long edges, square ends	Tapered long edges, square ends
Groove spacing	0.50 in.	0.50 in.	0.50 in.	0.50 in.
Groove depth	0.44 in.	0.44 in.	0.57 in.	0.57 in.
Groove direction	Along the length	Along the length	Along the length	Along the length
Minimum radius, convex	3.5 in. min.	3.5 in. min.	4.5 in. min.	4.5 in. min.
Minimum radius, concave	3.5 in. min.	3.5 in. min.	4.5 in. min.	4.5 in. min.
Weight (base board)	1.25 lb / sq ft	1.35 lb / sq ft	2.2 lb / sq ft	~2.4 lb / sq ft

Convex = board bends outward (e.g. a column wrap). Concave = board bends inward (e.g. the inside of a curved wall). Never bend tighter than the minimum radius. Weights are the CGC base board before grooving; finished boards weigh slightly less.

APPLICATIONS & BENEFITS

APPLICATIONS

- Curved walls and ceilings
- Radius bulkheads
- Columns and column wraps
- Curved archways
- Feature walls
- Custom shapes and transitions
- Commercial and residential projects

FEATURES & BENEFITS

- No on-site kerfing or scoring to make bends
- Faster installation, lower labour cost
- Smooth, consistent curves
- Ships flat for easy transport and storage
- Finishes with standard drywall compounds
- CNC-precision grooving for consistent quality

INSTALLATION

1. **Framing.** Install over properly designed curved wood or steel framing. Space framing at 6 in. on centre on curves (tighter than flat walls).
2. **Orient.** Place the grooved side toward the framing, with the grooves running parallel to the framing members.
3. **Bend.** Start at one end and bend the board gradually into place, fastening as you go. Do not bend tighter than the minimum radius in the Technical Data table.
4. **Fasten.** Use standard drywall screws at 6 in. on centre along the curve.
5. **Finish.** Finish with standard joint compounds and tape. A Level 4 or Level 5 finish is recommended on curved surfaces; a light skim coat may be needed depending on finish level and lighting.

STORAGE & HANDLING

- Store flat, indoors, in dry conditions, on a level surface with even support.
- Keep boards in their packaging until ready to install; protect from moisture and weather.

- Grooved boards are less rigid than flat boards before installation. Carry with even support along the length. Do not lift from one end or by a corner.
- Do not stack other materials on top of grooved boards.
- Protect edges and the grooved back from impact during transport and handling.

LIMITATIONS

- Interior use only. Not for exterior exposure.
- Waterboard is for areas with high humidity or occasional moisture. Not for direct water exposure such as shower or tub surrounds.
- Do not install boards that have become wet before installation.
- Curved framing must be designed and installed by others to suit the radius and loads.
- Do not bend tighter than the published minimum radius.
- **Fire rating:** The 5/8" boards are Type X, but grooving alters the board. Easy Curve Drywall has not been tested in fire-resistance-rated assemblies and must not be used where a fire rating is required.

LIMITED WARRANTY

What is covered	Groove Manufacturing Group Inc. ("Groove") warrants that Easy Curve Drywall products are free from defects in Groove's manufacturing workmanship, including grooving and cutting, when shipped.
How long	12 months from the date of original purchase.
What Groove will do	If a covered defect is confirmed, Groove will, at its option, replace the defective product or refund its purchase price. Labour, removal, reinstallation and finishing costs are not covered.
Not covered	Damage or failure caused by: improper storage or handling; exposure to water, moisture or weather; bending tighter than the published minimum radius; framing that is improperly designed or installed; installation not following Groove's instructions; modification of the product; normal wear; or accidents and events beyond Groove's control.
Visible defects	Inspect products on delivery. Defects that are visible before installation must be reported before the product is installed. Installing a product with a visible defect may void coverage for that product.
How to make a claim	Contact Groove within 30 days of discovering the defect, with proof of purchase, the SKU, photos of the defect and the installation, and the project location. Keep the affected product available for inspection.
Limits	To the extent permitted by law, this warranty is the only warranty Groove gives, and Groove is not liable for incidental, indirect or consequential damages. Nothing in this warranty limits rights you may have under applicable consumer protection law.

MANUFACTURER

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