CASTWORKS™ Walls

Quoted Glass Fiber Reinforced Gypsum (GRG/GFRG) Wall Panels



CastWorks Wall Panels in Arches profile



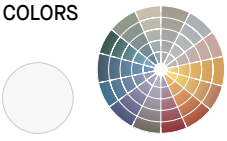
armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

CastWorks™ GRG (glass fiber reinforced gypsum) walls are an ideal interior application for compound curves, angled walls, and unique dimensional or perforated designs.

KEY SELECTION ATTRIBUTES

- Panels sized by design profile or customizable
- Cast into any shape or compound curve
- Weighs only 3-6 LBS/SF
- Easy to install with drywall screws
- Perforation options possible for acoustical absorption
- Density can be increased to accommodate acoustic needs
- Sets fast; can reduce construction schedules
- Durable
- Interior use
- Requires joint treatment which may include taping, filling, sanding, or caulking
- Replicate the look of natural materials at a lower cost
- This product can be adjusted to comply with Build America, Buy America (BABA) requirements. Modifications to pricing and lead times may apply. Contact your local sales representative for additional information

COLORS



Paint Grade (Unfinished for field painting)

Field Finish to Your Desired Color



CERTIFIED
ENVIRONMENTAL PRODUCT DECLARATION
UL.COM/EPD

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Armstrong® World Industries

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LEED V5

COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	Ecosystem Health	EPD
		Circular Economy	
OCCUPANT EXPERIENCE		Acoustics	✓

VISUAL SELECTION

PERFORMANCE

	Item No.	Design	Size	Panel Edge Detail Vertical	Panel Edge Detail Horizontal	Fire Performance*
CASTWORKS Walls	**BPAS1006D01**	Arches	32" × 32"	Tape Seam	Tape Seam	Class A
	BPAS1006D02	Channels	32" × 48"	Simple Seam	Quirk Seam	Class A
	BPAS1006D03	Chevrons	16" × 51-1/2" or 16" × 58-1/2"	Simple Seam	Simple Seam	Class A
	BPAS1006D04	Contours	32" × 48"	Skill Seam	Skill Seam	Class A
	BPAS1006D05	Flutes	32" × 48"	Simple Seam	Quirk Seam	Class A
	BPAS1006D06	Grooves	32" × 48"	Tape Seam	Skill Seam	Class A

MADE-TO-ORDER SIZING

Panels are available in custom sizes; however, changing dimensions will affect the pattern scale. For assistance with adjusting panel size or pattern scaling, please contact your local Armstrong representative for design support.

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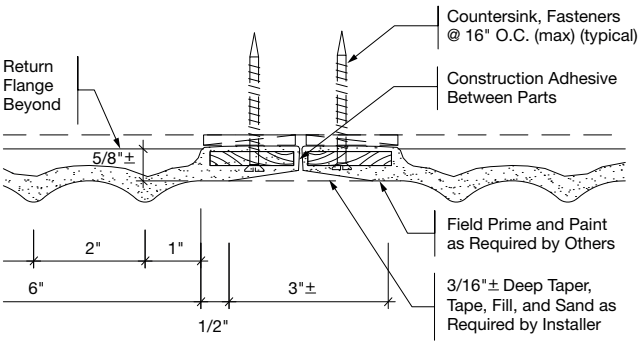
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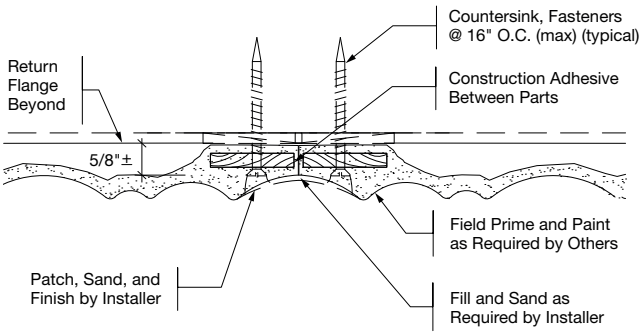
SYSTEM INSTALLATION DETAILS

Level of Difficulty

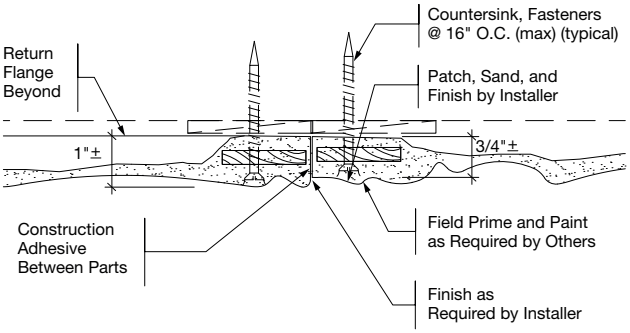
1 – Easy
2 – Medium
3 – Difficult (Experienced installers only)



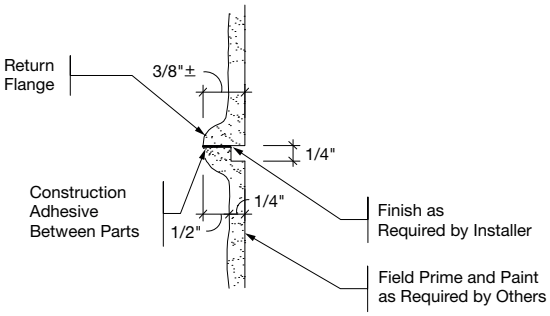
Tape Seam (Monolithic) – Level 2 Difficulty



Skill Seam (Monolithic) – Level 3 Difficulty



Simple Seam – Level 1 Difficulty



Quirk Seam – Level 1 Difficulty

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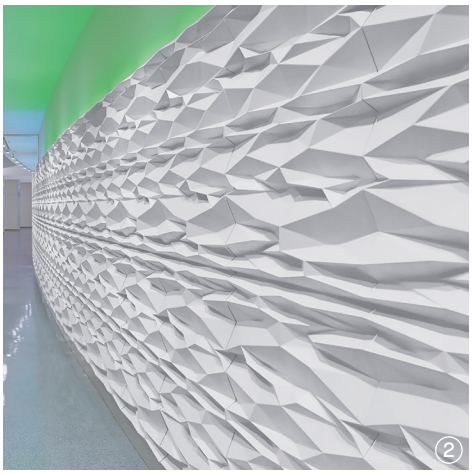
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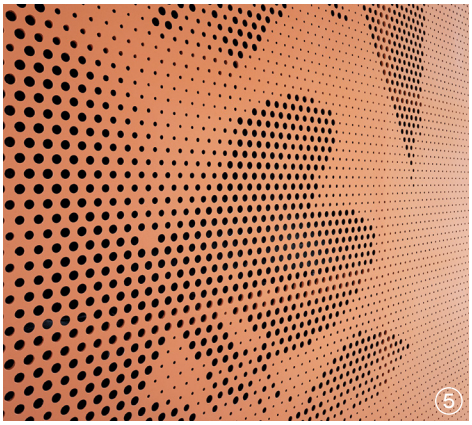
CASTWORKS WALLS More inspirational custom capabilities













1. CastWorks™ ceiling-to-wall transition with integrated light coves
2. CastWorks faceted, curved wall
3. CastWorks perforated wall panels
4. CastWorks dimensional wall panels
5. CastWorks GRG perforated wall panels with a biophilic design
6. CastWorks wrap-around wall panel system

PHYSICAL DATA

Material
Glass Fiber Reinforced Gypsum (GRG/GFRG) is a composite consisting of gypsum cement and water, reinforced with glass fibers.

Surface Finish
Standard unfinished, paint grade. Can be coated to achieve any desired color and texture.

Fire Performance
Class A Fire Performance per ASTM E84.

Design Considerations
Backlighting behind a perforated CastWorks panel is not recommended.

Panel edge detail type (as indicated above) will determine type of installation method used. Refer to details and shop drawings.

Perforation
Perforations available – depending on design – install with Feltworks® Acoustical Panels for up to .65 NRC.

Installation Considerations
Install CastWorks GRG parts as indicated on approved shop drawings, other recommendations, and the contract requirements. Comply with ASTM Standard C1467 for the installation of GRG.

Use caution and wear appropriate hand, eye, and dust mask protection when handling CastWorks GRG.

Application Considerations
In addition to decorative purposes, CastWorks GRG can be used for lighting and acoustic purposes. Its standard thickness is 3/16", but can be customized to 1/2" or 3/4" to achieve a desired reverberation.

Design & Pre-Construction Service
For complimentary design and pre-construction assistance, contact ProjectWorks® at armstrongceilings.com/projectworks

Warranty
One (1) Year Limited Warranty.
Details at armstrongceilings.com/warranty

Weight
3-6 LBS/SF (may vary depending on part design)

SAFETY CONSIDERATIONS

Use caution and wear appropriate hand, eye, and dust mask protection when handling CastWorks materials. Avoid exposure to airborne dust; use only with adequate ventilation.

If power tools are used, they should be equipped with a dust collector. If high levels of dust are expected, use an appropriate NIOSH-designed dust mask. Avoid contact with eyes and skin. Wash thoroughly after handling.

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BPCS-7251-626

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