

CASTWORKS™ Metaphors®
Quoted Ceiling Panels
architectural forms

*Additional
Designs &
Wood Looks*



CastWorks Metaphors Parquet design ceiling panels in Walnut

Precast 24" x 24" Glass-Fiber Reinforced Gypsum (GRG) panels are now available in additional designs and wood-look finishes as a quoted option.

KEY SELECTION ATTRIBUTES

- Versatile 24" x 24" modular panels feature dimensional designs to create unique installations
- Select designs feature wood-look finishes
- Panels are available as a quoted option through ASQuote@armstrongceilings.com
- Achieve a high-end, custom look with standard installation on Prelude® XL* 15/16" grid
- Offering includes panels for perimeter solutions and MEP integration
- CastWorks™ Metaphors® panels are part of the Sustain® portfolio, and meet the most stringent industry sustainability compliance standards today
- Quick to install
- Easy access to plenum
- Interior use

COLORS AND FINISHES Due to printing limitations, shade may vary from actual product.

Painted



These colors are part of the Sustain® portfolio 

Wood-look Finishes*



* Wood-look finishes are available on select panel designs only. See visual selection chart for details.

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Declare.

LEED® WELL | LBC

| | | | | | | | | | | | |
|-------------------|-------------------------|--------------------|------------------------|-----|---------------------------------|------------------|---------------------------|-------------------------------|-------------------------|------------------|-----------|
| energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recyclable/ bio-based materials | recycled content | sourcing of low materials | material ingredient reporting | low emitting/ materials | lighting quality | acoustics |
| | | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | |

For LEED contribution contact TechLine

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

| | Item No. ◆ | Description | Image of Panel | Finishes | Depth from Grid | Height from Grid | Panel Weight (LBS) | Fire Performance* | Light Reflectance |
|---|-------------------|--------------------------|----------------|--------------------------|-----------------|------------------|--------------------|-----------------------|-----------------------|
| Parquet Design Plain Sawn Texture | AS0302D07C01_ _ _ | Parquet A | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 10.45 | Class A | 0.79 |
| | AS0302D07C07_ _ _ | Parquet A with Flat Area | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 11 | Class A | 0.79 |
| | AS0302D08C01_ _ _ | Parquet B | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 10.11 | Class A | 0.79 |
| | AS0302D08C07_ _ _ | Parquet B with Flat Area | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 10.65 | Class A | 0.79 |
| | AS0302D09C01_ _ _ | Parquet C | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 10.75 | Class A | 0.79 |
| | AS0302D10C01_ _ _ | Parquet Textured Tegalur | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 10 | Class A | 0.79 |
| Linear Design Rift Cut Texture | AS0302D11C01_ _ _ | Linear | | CWO, CWN, WH, SG, MY, BL | 1/2" | 1/2" | 7.4 | Class A | 0.79 |
| Wood Grain Design Fir Texture | AS0302D12C01_ _ _ | Presidential | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 9.8 | Class A | 0.79 |
| | AS0302D13C01_ _ _ | Diplomat | | CWO, CWN, WH, SG, MY, BL | N/A | 2-1/4" | 9 | Class A | 0.79 |
| | AS0302D14C01_ _ _ | Textured Lay-in | | CWO, CWN, WH, SG, MY, BL | N/A | 1" | 10.4 | Class A | 0.79 |

◆ When specifying or ordering, include the appropriate 2- or 3-digit finish suffix (e.g., AS0302D07C01 C W O).
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|------------------------------------|------------------|------------------------|------------------|-----------|
| energy management | recycled content | low emitting materials | lighting quality | acoustics |
| construction waste mgmt | recycled content | low emitting materials | lighting quality | acoustics |
| regional materials | recycled content | low emitting materials | lighting quality | acoustics |
| design for flexibility | recycled content | low emitting materials | lighting quality | acoustics |
| EPD | recycled content | low emitting materials | lighting quality | acoustics |
| recyclable/extended producer resp. | recycled content | low emitting materials | lighting quality | acoustics |
| biobased materials | recycled content | low emitting materials | lighting quality | acoustics |

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LOCATION DEPENDENT

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| | Item No. ◆ | Description | Image of Panel | Finishes | Depth from Grid | Height from Grid | Panel Weight (LBS) | Fire Performance* | Light Reflectance (White only) |
|------------------|-------------------|--------------------|----------------|--------------------------|-----------------|------------------|--------------------|-------------------|--------------------------------|
| Utility Design | AS0302D15C01_ _ _ | Untextured Lay-in | | CWO, CWN, WH, SG, MY, BL | N/A | 1" | 8.8 | Class A | 0.79 |
| | AS0302D16C01_ _ _ | Untextured Tegalur | | CWO, CWN, WH, SG, MY, BL | 1/2" | 1/2" | 10.5 | Class A | 0.79 |
| Brutalist Design | AS0302D28C01_ _ _ | Brutalist A | | CWO, CWN, WH, SG, MY, BL | 3/4" | 1/2" | 8.8 | Class A | 0.79 |
| | AS0302D29C01_ _ _ | Brutalist B | | CWO, CWN, WH, SG, MY, BL | 1-1/2" | 1/2" | 10 | Class A | 0.79 |
| | AS0302D30C01_ _ _ | Brutalist C | | CWO, CWN, WH, SG, MY, BL | 2-3/4" | 1/2" | 10.8 | Class A | 0.79 |
| Taper Design | AS0302D31C01_ _ _ | Taper Side | | CWO, CWN, WH, SG, MY, BL | 3/4" | 3/4" | 9.4 | Class A | 0.79 |
| | AS0302D32C01_ _ _ | Taper Corner | | CWO, CWN, WH, SG, MY, BL | 2-1/2" | 1/2" | 9.6 | Class A | 0.79 |
| | AS0302D33C01_ _ _ | Taper Quad | | WH, SG, MY, BL | 2-1/2" | 1/2" | 10.4 | Class A | 0.79 |
| Treads Design | AS0302D34C01_ _ _ | Treads 3" | | CWO, CWN, WH, SG, MY, BL | 1-1/2" | 1/2" | 10.83 | Class A | 0.79 |
| | AS0302D35C01_ _ _ | Treads 7" | | CWO, CWN, WH, SG, MY, BL | 6-1/2" | 1/2" | 12.67 | Class A | 0.79 |

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|-------------------|-------------------------|--------------------|------------------------|-----|---------------------------------|------------------|---------------------------|-------------------------------|-------------------------|------------------|-----------|
| energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recyclable/ bio-based materials | recycled content | sourcing of raw materials | material ingredient reporting | low emitting/ materials | lighting quality | acoustics |
| | | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | |

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LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

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| Item No. ◆ | Description | Image of Panel | Finishes | Depth from Grid | Height from Grid | Panel Weight (LBS) | Fire Performance* | Light Reflectance |
|-------------------------------------|----------------------------|----------------|----------------|-----------------|------------------|--------------------|-------------------|-------------------|
| Undulation Design AS0302D38C01_ _ _ | Undulation | | WH, SG, MY, BL | 2" | 1/2" | 9.1 | Class A | 0.79 |
| AS0302D38C07_ _ _ | Undulation with Flat Area | | WH, SG, MY, BL | 2" | 1/2" | 13.75 | Class A | 0.79 |
| Orbit Design AS0302D39C01_ _ _ | Orbit | | WH, SG, MY, BL | 1-1/4" | 1/2" | 9 | Class A | 0.79 |
| AS0302D39C07_ _ _ | Orbit with Flat Area | | WH, SG, MY, BL | 1-1/4" | 1/2" | 8.8 | Class A | 0.79 |
| Labyrinth Design AS0302D40C01_ _ _ | Labyrinth A | | WH, SG, MY, BL | 1-1/2" | 1/2" | 9 | Class A | 0.79 |
| AS0302D41C01_ _ _ | Labyrinth B | | WH, SG, MY, BL | 1-1/2" | 1/2" | 9 | Class A | 0.79 |
| Flagstone Design AS0302D42C07_ _ _ | Flagstone A with Flat Area | | WH, SG, MY, BL | 2-1/4" | 1/2" | 10.5 | Class A | 0.79 |
| AS0302D43C01_ _ _ | Flagstone B | | WH, SG, MY, BL | 2-1/4" | 1/2" | 13.5 | Class A | 0.79 |
| AS0302D44C01_ _ _ | Flagstone C | | WH, SG, MY, BL | 2-1/4" | 1/2" | 13.25 | Class A | 0.79 |

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| | | ✓ | ✓ | ✓ | | | | | ✓ | ✓ | | |

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LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

| Item No. ♦ | Description | Image of Panel | Finishes | Depth from Grid | Height from Grid | Panel Weight (LBS) | File Performance* | Light Reflectance |
|-------------------|-------------------|----------------|----------------|-----------------|------------------|--------------------|-----------------------|-----------------------|
| AS0302D36C01_ _ _ | Terrace | | WH, SG, MY, BL | 1-3/4" | 1/2" | 9.4 | Class A | 0.79 |
| AS0302D37C01_ _ _ | Imbricate | | WH, SG, MY, BL | 1/2" | 1/2" | 9.4 | Class A | 0.79 |
| AS0302D17C01_ _ _ | Presidential | | WH, SG, MY, BL | 3/4" | 1/2" | 9 | Class A | 0.79 |
| AS0302D18C01_ _ _ | Presidential Quad | | WH, SG, MY, BL | 3/4" | 1/2" | 9 | Class A | 0.79 |
| AS0302D19C01_ _ _ | Framework | | WH, SG, MY, BL | 1-1/2" | 1/2" | 9.6 | Class A | 0.79 |
| AS0302D20C01_ _ _ | Modernist | | WH, SG, MY, BL | 3" | 3/4" | 11.5 | Class A | 0.79 |
| AS0302D45C01_ _ _ | Rattan | | WH, SG, MY, BL | 1/2" | 1/2" | 9 | Class A | 0.79 |
| AS0302D46C01_ _ _ | Pavé | | WH, SG, MY, BL | 3/4" | 3/4" | 9.2 | Class A | 0.79 |
| AS0302D27C01_ _ _ | Baroque | | WH, SG, MY, BL | 1" | 3/4" | 8.8 | Class A | 0.79 |

♦ When specifying or ordering, include the appropriate 2- or 3-digit finish suffix (e.g., AS0302D07C01 C W Q).
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ARCHITECTURAL FORMS – Quoted

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| | | | | | | | | | | | | |
|-------------------|-------------------------|--------------------|------------------------|-----|----------------------------------|--------------------|------------------|---------------------------|-------------------------------|------------------------|------------------|-----------|
| energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recyclable/offset producer resp. | biobased materials | recycled content | sourcing of raw materials | material ingredient reporting | low emitting materials | lighting quality | acoustics |
| | | ✓ | ✓ | ✓ | | | | | ✓ | ✓ | | |

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| Item No. ◆ | Description | Image of Panel | Finishes | Depth from Grid | Height from Grid | Panel Weight (LBS) | Fire Performance* | Light Reflectance |
|--|-------------------|-----------------|----------------|-----------------|------------------|--------------------|-------------------|-------------------|
| Coffer Designs See CastWorks™ Metaphors® Coffers data page for designs with infill panels. | AS0302D21C01_ _ _ | Sussex Coffer | WH, SG, MY, BL | N/A | 2-1/4" | 9.2 | Class A | 0.79 |
| | AS0302D22C01_ _ _ | Concave Coffer | WH, SG, MY, BL | 1/2" | 2-1/2" | 10 | Class A | 0.79 |
| | AS0302D23C01_ _ _ | Diplomat Coffer | WH, SG, MY, BL | N/A | 2-1/4" | 9.2 | Class A | 0.79 |
| | AS0302D24C01_ _ _ | Colonial Coffer | WH, SG, MY, BL | N/A | 2-1/2" | 9 | Class A | 0.79 |
| | AS0302D25C01_ _ _ | Gatsby Coffer | WH, SG, MY, BL | N/A | 2-1/2" | 9.4 | Class A | 0.79 |
| | AS0302D26C01_ _ _ | Baroque Coffer | WH, SG, MY, BL | N/A | 2-1/2" | 10.2 | Class A | 0.79 |

◆ When specifying or ordering, include the appropriate 2- or 3-digit finish suffix (e.g., AS0302D07C01 C W Q).
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SUSPENSION SYSTEMS

| Item No. ◆ | Description | Dimensions (Inches) | Color* | Pieces/Carton |
|---------------------------|-------------|----------------------------------|----------------|---------------|
| Suspension Systems | 7301_ _ | Prelude® XL® 12' HD Main Beam | WH, SG, MY, BL | 20 |
| | XL7328_ _ | Prelude XL 2' Cross Tee | WH, SG, MY, BL | 60 |
| Accessories | 7800_ _ | 12' Angle Molding | WH, BL | 30 |
| | HD7801_ _ | 10' Angle Molding | SG, MY | 30 |
| | BERC2 | 2" Beam End Retaining Clip | N/A | 200 |
| | 7100 | Heavy-duty Wall Anchor – Seismic | N/A | 50 |

◆ When specifying or ordering, add 2-letter color suffix to item number.
* Black is recommended for wood-look panels.

PHYSICAL DATA

Material

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

Surface Finish

Available in six standard finishes or can be coated to achieve any desired color.

Fire Performance

Flame Spread Index 25 or less. Smoke Developed Index 50 or less. Class A per ASTM E84.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating of 0. Smoke Developed Classification of 0.

VOC Emissions

Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard®, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Installation Considerations

Install CastWorks Metaphors parts as indicated on approved shop drawings, other recommendations, and the contract requirements. Comply with ASTM Standard C1467 for installation. Handle carefully, fragile panels are prone to fingerprinting. Wear appropriate hand, eye, and dust mask protection when handling GRG materials.

Most CastWorks Metaphors panels cannot be field cut for perimeters. However there are two lay-in panels that can be field cut for perimeters; use items AS0302D14C01_ _ _ or AS0302D15C01_ _ _ See installation instructions for further information.

Design Considerations

While we strive to ensure exact color matches, various factors such as differences in materials and painting processes can affect how colors appear on ceiling and wall panels, suspension systems, and trim products. Due to these and other differences, items with the same finish name will coordinate but may not be an exact color match.

Design & Pre-Construction Service

For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrongceilings.com/projectworks

Warranty

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

Weight

See visual selection chart.