

Combination Walls

WALLS

PRODUCT BROCHURE

ISSUED 2023 07 07





COMBINE SOLID AND GLASS WALLS FOR THE BEST OF BOTH WORLDS

When you're designing for a mix of privacy and transparency, DIRTT's Combination Walls give you the best of both worlds. Get the space separation of DIRTT's solid wall with the light transmission benefit of our glass wall. Whether you need a punched window or a clerestory at the top, you can customize our Combination Walls to fit any design. Plus, they offer all the benefits of the DIRTT system. Get long-term durability, enhanced performance, short lead times, and quick installations with the look and functionality you need.



LET THE LIGHT IN

Create welcoming spaces that energize people with natural light while still offering privacy to those inside. DIRTT's Combination Walls offer nearly infinite customization options allowing you to bring solid and glass walls together in a variety of configurations. With an array of finishes and glass options to support your aesthetics, you get the light-filled spaces you crave without sacrificing speed, utility, or long-term adaptability.





PRECISION MANUFACTURED FOR YOU

DIRTT manufactures your wall assemblies in a controlled environment. Using precise computer numeric controlled equipment, components are created to exacting standards ensuring fit, finish, and quality on-site. Thoughtful material selection ensures DIRTT Combination Walls are built to last.





TIME IS MONEY

When you have deadlines, DIRT™ gives you the confidence to meet them. With industry-best lead times, we can manufacture your walls in 21 days or less. Once on-site, we can further accelerate your construction schedule. Pre-assembled wall assemblies install quickly with fewer people on the job site, so all trades can work more efficiently. Get into your space faster and get back to doing what you do best.





BUILDING FOR TOMORROW

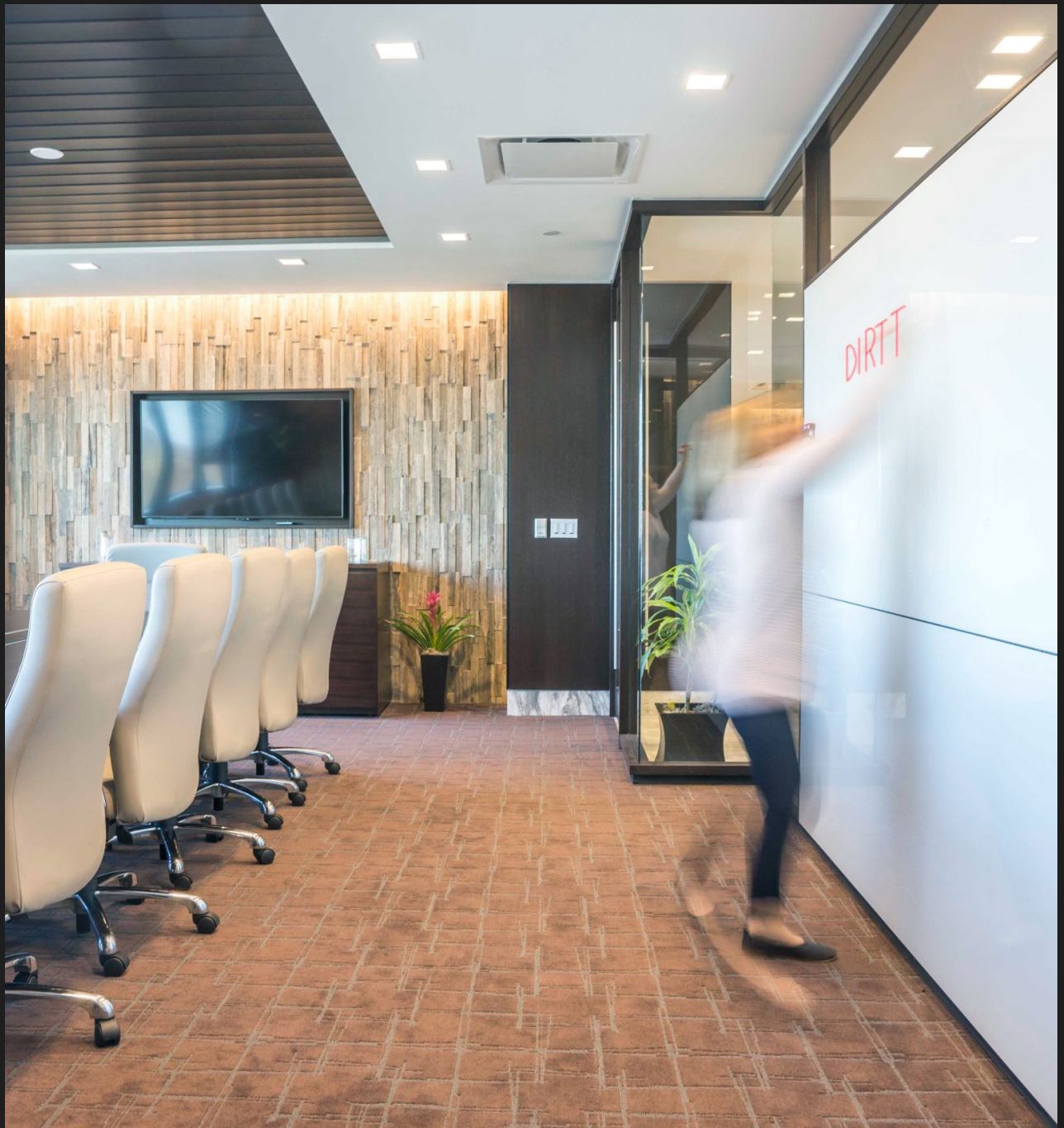
DIRTT Combination Walls give you the performance you need today, with the ability to adapt in the future. Wall modules can be reconfigured and reused to optimize your space. As your needs change, your space can change with you. Create a more resilient space that supports your team and your sustainability goals.

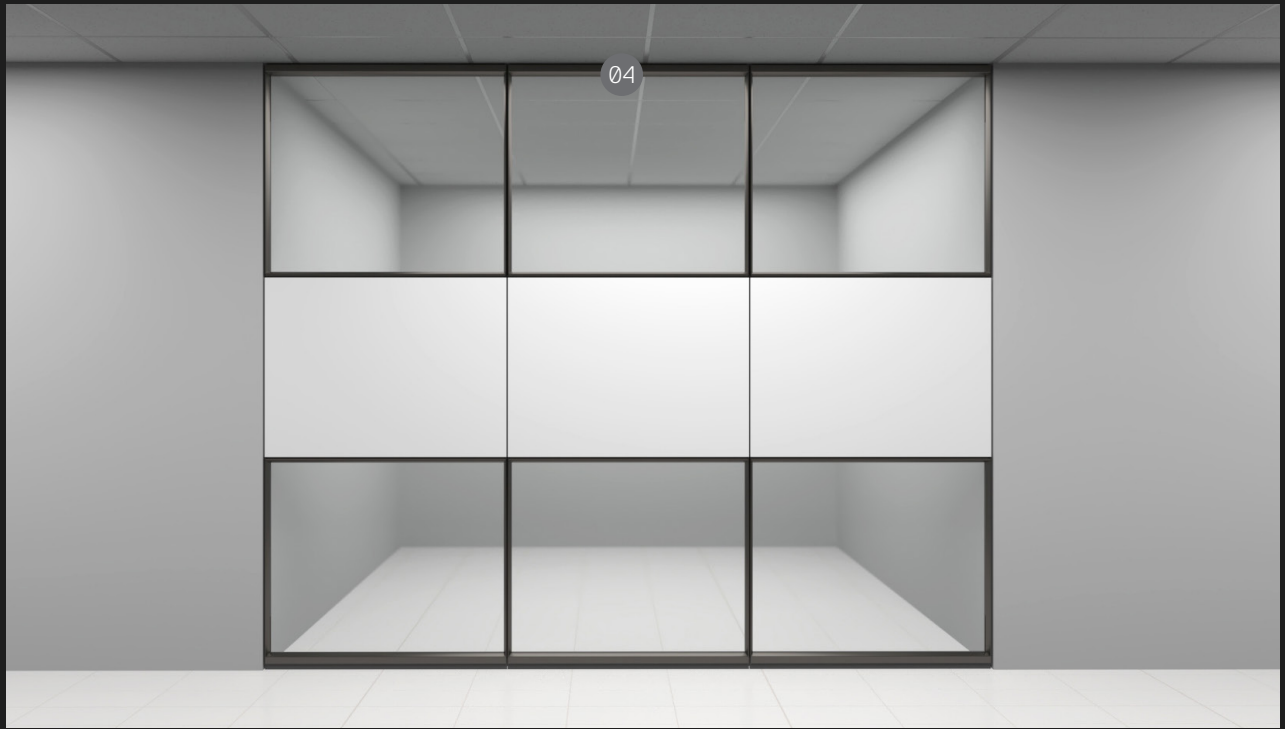




CONSTRUCT WITH CONFIDENCE

Be confident in your choices. DIRTT uses powerful software that guides the construction of our wall assemblies every step of the way to ensure you get what you expected without surprises. We use it to integrate your design and give you an accurate cost estimate that doesn't change after you sign off. Then it communicates with our factory to manufacture components that integrate precisely with the base building and other DIRTT systems.





Combination Walls

SYSTEM FEATURES

01	Wall system includes aluminum frames, insulation, finished wall panels, extrusions, and glass panels
	Modular design supports quick installation and easy reconfiguration
02	Wall width and height configuration is fully customizable
03	Wall assemblies tip into place for quick installation
	Precision manufactured for base building accommodation
04	Frame-to-frame inline connections offer nondestructive adaptability
	Limit transfer of smoke with our non-rated, smoke partition.
	Leverage space in the wall cavity to integrate and protect technology
	SCS Indoor Advantage Gold certified

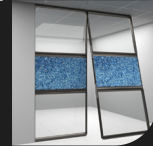
01



02



03



04



Technical Overview

SIZE

Standard wall thickness (with panels)	4" (102 mm)
Wall module width 6"	(152 mm) – 48" (1.22 m)
Wall module height maximum	10' (3.05 m)*
Factory-installed insulation thickness	1" (25 mm)
Wall cavity depth	3" (76 mm)

*Frame assemblies that exceed module maximums must be validated by DIRT to confirm they meet building code.

TOLERANCES

Wall height adjustability	- $\frac{3}{8}$ " (10 mm) +2 $\frac{5}{8}$ " (67 mm)
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EXTRUSION FINISH OPTIONS

Clear anodized aluminum
Powder coat
Veneer (curvilinear and rectilinear profiles only)
Custom finishes



Technical Overview

PANEL FINISH OPTIONS

ChromacoatPlus (paint)

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Thermofoil (3D Laminate)

Veneer

Backpainted glass

Magnetic marker board

WriteAway (writable film)

Fabric

Custom finishes

GLASS OPTIONS

Tempered

clear or low-iron

optional etched finish

¼" (6 mm), ⅜" (10 mm), or ½" (12 mm) glass

Laminated

clear or translucent interlayer finish

¼" (6 mm), ⅜" (10 mm), or ½" (12 mm) glass

DOOR TYPES

Swing Door

Sliding Door

Pivot Door

DOOR OPTIONS

Frameless Glass

Aluminum-framed Glass

Solid Core Wood



BUILD DYNAMIC SPACES

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