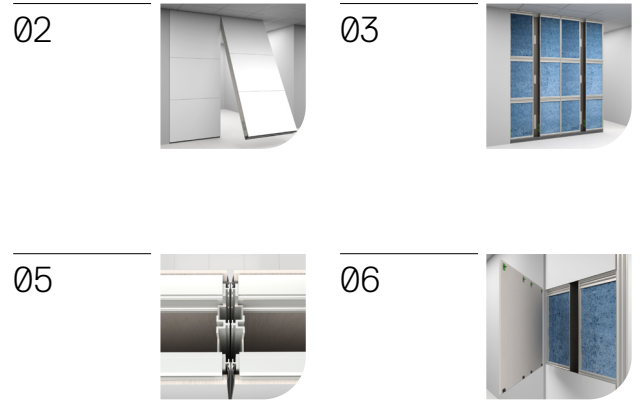# 6" Solid Wall

KIEWIT HEADQUARTERS
Omaha, NE

More space. More utility. With a deeper wall cavity, our durable 6" Solid Walls can integrate more inside the wall. The added space behind the wall panel accommodates plumbing and mechanical chases. Or add extra layers of insulation for improved acoustic separation and speech privacy. Just like our 4" Solid Walls, DIRTT's 6" Solid Walls can be customized to meet your design vision today and offer easy maintenance and reconfiguration down the road.
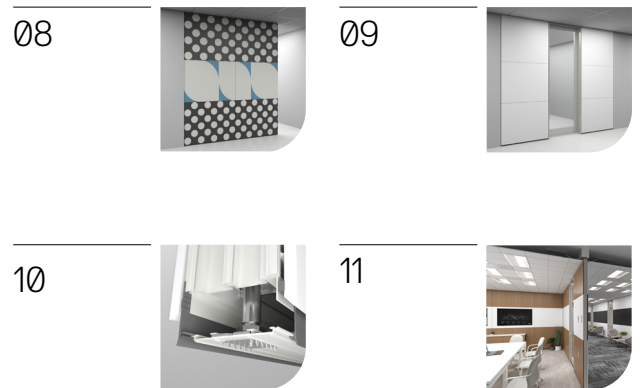
SYSTEM FEATURES

01	Both sides of the wall behave independently, allowing multiple panel configurations and finish options
02	Wall assemblies tip into place for quick installation
03	Factory-installed recycled denim insulation provides improved acoustic performance
04	Precision manufactured for base building accommodation
05	Frame-to-frame inline connections offer nondestructive adaptability
06	Wall panels are easily removable for reducing the time and cost of maintenance
07	Leverage space in the wall cavity to integrate and protect technology
	Sound transmission class (STC) rating: 44 – 53
	SCS Indoor Advantage Gold certified

02   03

05   06

SYSTEM OPTIONS

08	Support your brand with customized finishes and graphics
09	Compatible with the full suite of DIRTT Door modules
10	Seismic compatible
11	Limit transfer of smoke with our non-rated, smoke partition

08   09

10   11

6" Solid Walls

SIZE

Standard wall thickness (with panels)	6" (152 mm)
Wall module width	6" (152 mm) – 48" (1.22 m)
Wall module height maximum	12' (3.66 m)
Factory-installed insulation thickness	two layers of 1" (25 mm) each
Wall cavity depth	5" (127 mm)

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

TOLERANCES

Wall height adjustability	- ⅜" (10 mm) + 2 ⅝" (67 mm)

DESIGN CONFIGURATIONS

Wall Module Configurations	Wall Connections
Full-height wall	Base track secures to the base building with carpet grippers, double-sided tape or seismic anchoring
Both sides of the wall behave independently, allowing multiple panel configurations and finish options	Frame connects to acoustic ceiling tile (ACT) ceiling grid, bulkhead, drywall soffit, or metal stud kickers
Choose wall panel reveals of ³⁄₁₆" (4 mm) or ⅜" (9 mm)	Modules connect with frame-to-frame inline connections
Select gaskets to support infection prevention and control	
Customize ceiling and base trim shape and color	
Finish the wall with optional end caps	
Configure for seismic compliance when needed	

PANEL FINISH OPTIONS	DIRTT SYSTEM INTEGRATIONS
ChromacoatPlus (paint)	DIRTT Glass Walls
Chromacoat (paint)	DIRTT Electrical
Thermofoil (3D Laminate)	DIRTT Casework
Veneer	DIRTT Networks
Backpainted glass	Third-party provided hardware and technology
Magnetic marker board	**DOOR TYPES**
WriteAway (writable film)	Swing Door
Fabric	Sliding Door
Custom finishes	Pivot Door
	DOOR OPTIONS
	Frameless Glass
	Aluminum-framed Glass
	Solid Core Wood

*Door integration with 6" Solid Walls requires specific design consideration.