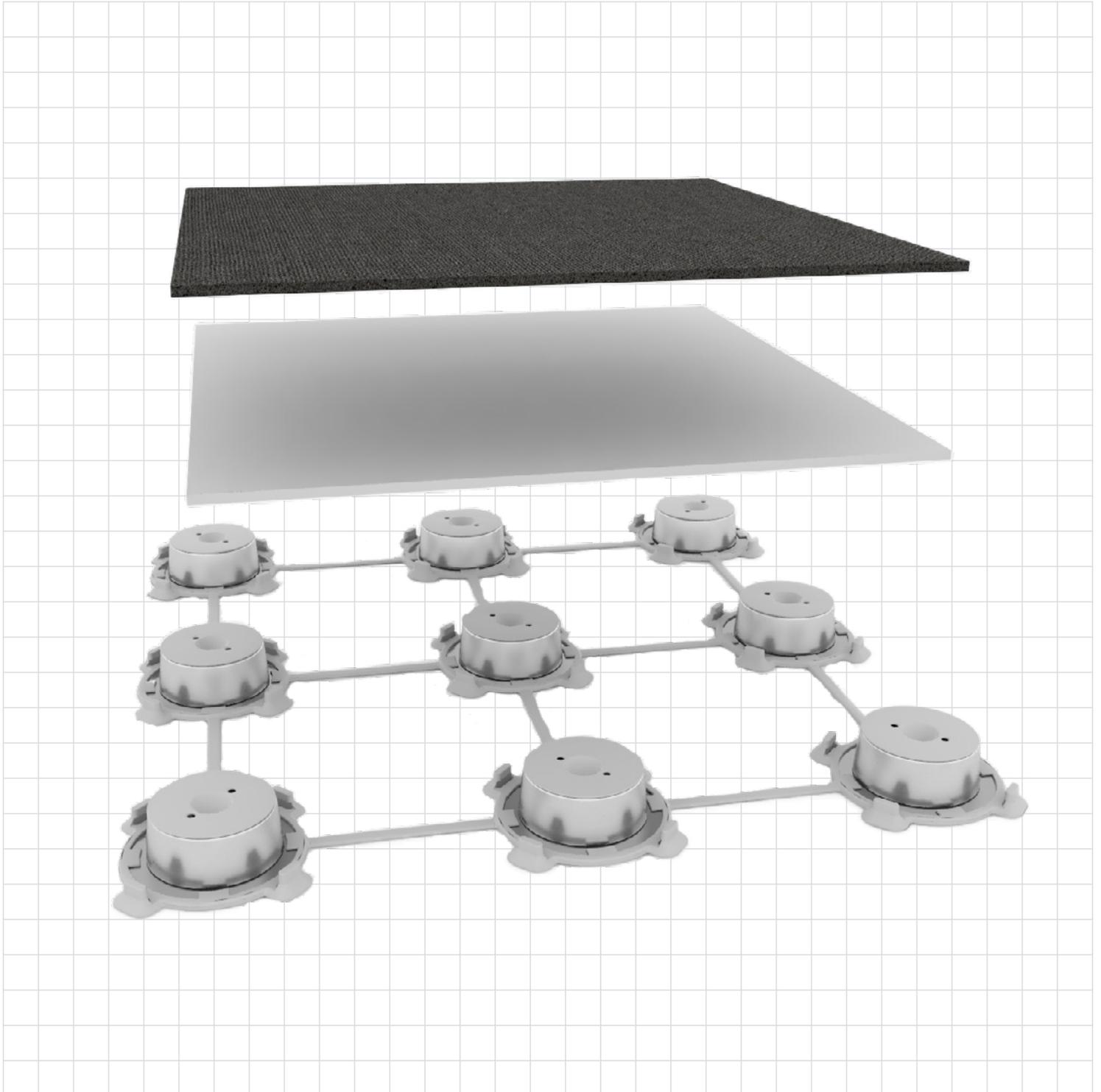
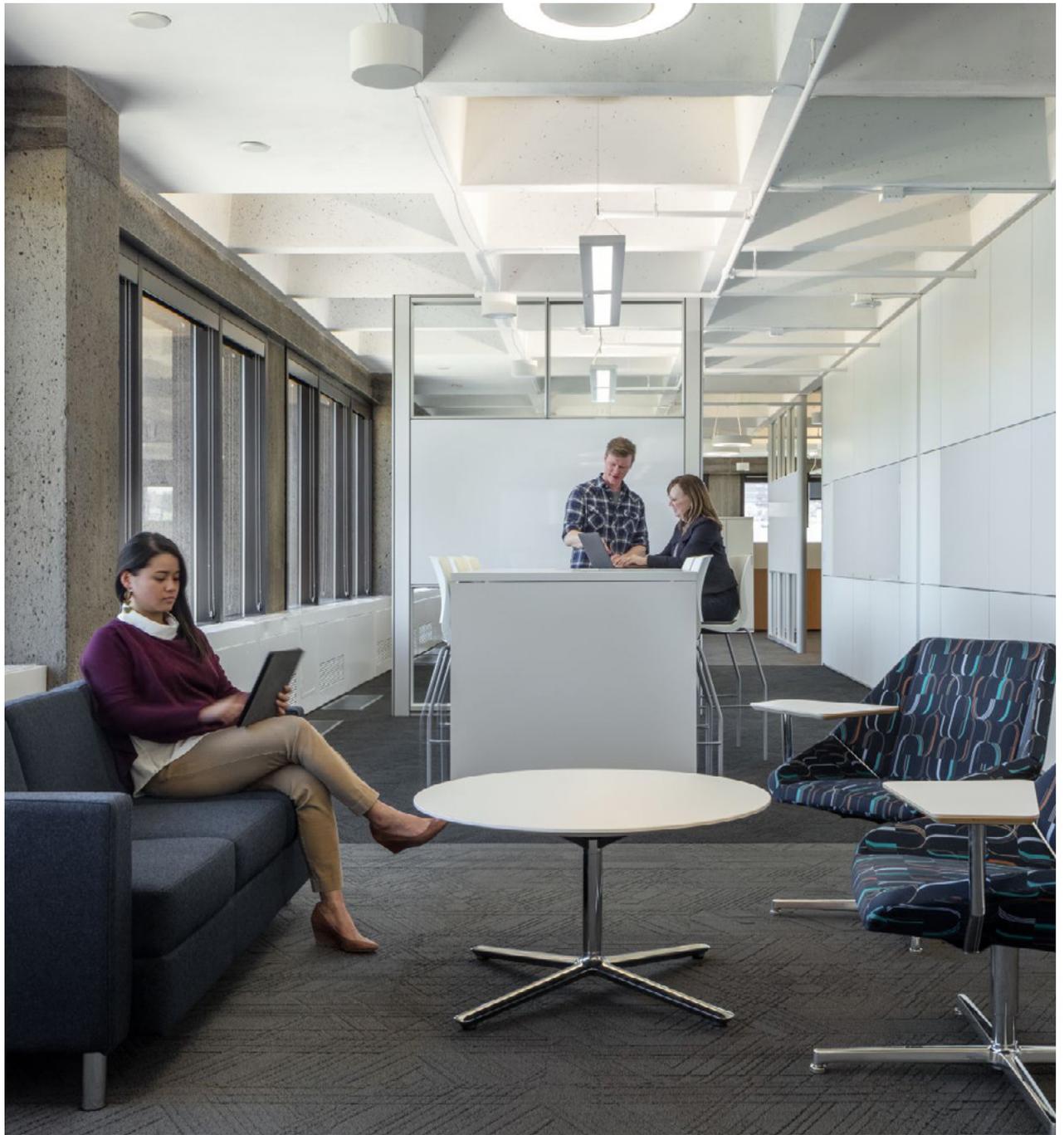


Low-profile Fixed-height Access Floors

PRODUCT CUT SHEET





Denver Bureau of Reclamation
Denver, CO

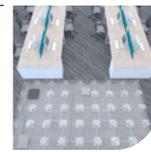
DIRTT's low-profile access floor houses all your electrical and technology infrastructure. This cost-effective option speeds up the overall installation of your DIRTT project. Long term, it keeps your electrical and IT infrastructure easily accessible allowing for easy moves, additions, and changes. With the agility of the DIRTT construction system, it's adaptability you can build on.



SYSTEM FEATURES

01	DIRTT's access floor eliminates unsightly power poles, exposed cables, and expensive cable trays
02	Easy access allows for addition or reconfiguration of electrical and data components Floor panels are pre-cut in the factory to increase install speed and reduce on-site waste
	Low profile accommodates installation in buildings with low ceiling heights and provides shorter access ramps System is perfectly symmetrical and can be installed in all directions beginning anywhere in the room
03	Floor system has four snap connection points around each steel support that can be removed to easily fit small spaces. Design offers sound dampening as well as fire and smoke protection in the spaces under the access floor. Access floor system meets the U.S. requirements of ICC-ES AC151 Access floor system is certified by Intertek and can be found in the Intertek Directory of Building Products under Listing Report CCRR-1023 Materials meet flammability requirements of the National Building Code in Canada Seismic compatible

01



02





Access Floors

SIZE

Tile length and width	23 15/16" (608 mm)
Tile thickness	3/4" (19 mm)
System height	2 9/16" (65mm)

System clearance

Between top of webbing and bottom face of floor panel	1 13/16" (43 mm)
Diagonal	12 5/8" (320 mm)
Lateral	7 5/8" (195 mm)

TOLERANCES

The access floor meets the AC 151 standards:

Uniform load:	1,620 psf (10,127 pounds [3.93 kilonewtons (kN) applied over 2 1/2" x 2 1/2" (64 mm x 64 mm)])
Concentrated point load (middle of quadrant):	883 lbf (3.93kN) applied with a 1" (25 mm) diameter steel indenter
Concentrated point load (middle of quadrant edge):	590 lbf (2.62kN) applied with a 1" (25 mm) diameter steel indenter

DESIGN CONFIGURATIONS

Floor configurations	Dirtt system integrations
Square grid configuration for access floor coverage	Connected Infrastructure
Each steel floor support assembly is placed every 9 ft ² (0.84 m ²).	Third-party provided hardware and technology
	DIRTT Solid Walls
	DIRTT Glass Walls
	DIRTT Doors
	DIRTT Casework
	DIRTT Timber