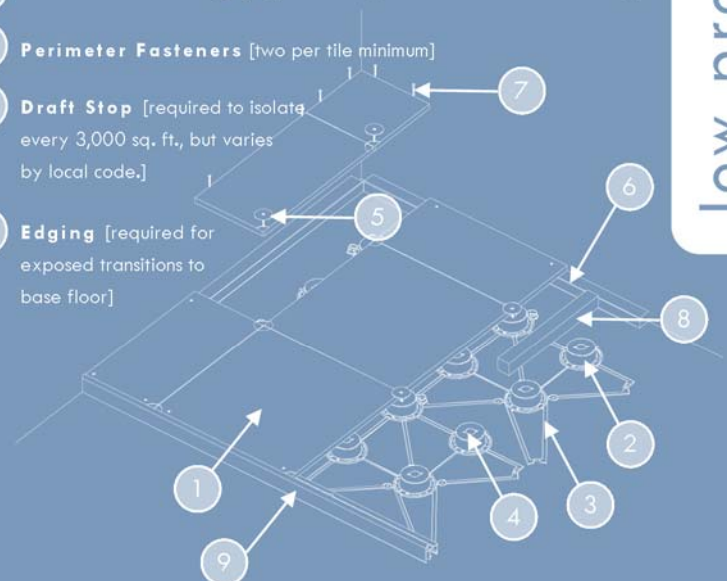


DIRTT LOW PROFILE ACCESS FLOOR is the portal for leveraging real estate. It can bring existing buildings into the 21st century and make sure new buildings start off on the right foot.

DIRTT's low-profile access floor is different because of its design. It allows for intuitive, fast installation and provides plenty of room for power and data. The floor is strong and quiet, while the floor tiles are relatively lightweight. It is inherently self-leveling, requiring minimal ramping in only certain circumstances. When business changes, the DIRT floor is easily accessible.

- 1 **Tiles** [one per four square feet]
- 2 **Steel Supports** [one per square foot, comes assembled to webbing]
- 3 **Webbing** [one per four square feet]
- 4 **Pad Nuts** [one per square foot, comes assembled to support]
- 5 **Screw & Washer Assembly** [one per four square feet]
- 6 **Perimeter Blocking** [supports room perimeter and around columns]
- 7 **Perimeter Fasteners** [two per tile minimum]
- 8 **Draft Stop** [required to isolate every 3,000 sq. ft., but varies by local code.]
- 9 **Edging** [required for exposed transitions to base floor]



component materials

Floor Tiles

Cementitious Fiber-board (Cement Bonded Particle-board)
Will Not support flame.
Cutable material.

Steel Supports

20 Gauge Stamped Steel
Zinc Plated to prevent corrosion.

Webbing

V0 Polypropylene
Will not support a flame.
Color: White
Directional Quick Connect

Pad Nuts

V0 Polypropylene
Color: White

Screw & Washer Assemblies

Steel, Zinc Plated

Perimeter Blocking

18 Gauge Satin Coat (Pre-plated) Steel

Perimeter Fasteners

Steel, black phosphate finish.

Mastic Adhesive

Copolymer flexible mastic
Low VOC (Volatile Organic Compound)

Draft Stop

Mineral Wool Insulation
Non-combustible and moisture resistant.
Made from basalt rock and steel slag
Contains 40%+ post industrial recycled material

Edging

Aluminum, anodized or powdercoated, with zinc plated steel mounted hardware.
Colors: As per order.

dimensions/details

Cavity Size

Module Size: 7"Wx7"Lx1.7"H
11.75" sq. on diagonal
Cable Raceway: 8"W x 1.7"H

Cavity Capacity

196 CAT5e Cables per cableway

System Dead Load

6.05 lbs. per sq. ft.

dimensions/details (cont.)

Floor Tiles

Module Size: 24"W x 24"L (4 square feet)
Tile Dimensions: 23.9"W x 23.9"L x .83"D
Tile Weight: 21.5 lbs. each

Steel Supports

Floor Height: 2.63" to bottom of carpet
Floor Cavity Height: 1.8" base to underside of tile
Part Size: 5.25"Dia. x 1.7"H (4" diameter top)
Part Details: 18 gauge steel (.035 thick)
12" o/c

Webbing

Module Size: 24"W x 24"L (4 square feet)
0.1" thick typical

Pad Nuts

Module Size: 4"Dia. x 0.065 thick

Screw & Washer Assembly

Washer Size: 2.5"Dia. x .06" thick
Philips Screw: 0.25"Dia. x 2.25"L

Perimeter Blocking

Piece Size: 1.75"H x 2"W x 8'L
18 gauge steel (.047" thick)

Perimeter Fasteners

Philips Screws: 0.25"Dia. x 1.25"L

Mastic Adhesive

Component Size: 318ml cartridges (11 oz)
Typical usage 3ml per square foot (0.1 oz.)

Draft Stop

Component Size: 2"H x 2"W x 4'L
(compresses to 1.8"H installed)

Edging

Component Size: 2.88"H x 2.5"W x 8'L

installation notes

Suitable for installation over existing sub floors that are level to within 3/8" in 10 feet.

Carpet tile is the recommended cover material. This allows accessibility. Not recommended for areas requiring sheet vinyl or ceramic, marble, or granite tiles.

Sealer application required before applying removable carpet adhesive.

Water dams can be specified around water supplies such as coffee stations.

Rolling loads such as pallet jacks must be over 3/4" plywood to prevent tile damage.

Ramps and code compliance are the responsibility of the architect.