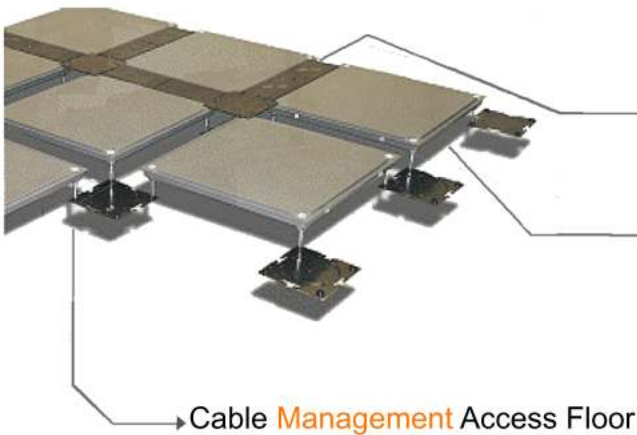


## CamassCrete

CS1000A/CS1000W series



**Low-Profile: FFH 76 ~ 150 mm**  
**Super Low-Profile: FFH 45/50/60 mm**

**User Friendly**  
Fully accessible cable trenches  
100% re-usable

[www.netfloorusa.com](http://www.netfloorusa.com)

# CamassCrete CS1000A / CS1000W

CamassCrete is the quintessential Low Profile Access Floor. Perfect for any application, this system is strong, rugged and offers unlimited cable management configurations. The new Flank Caps securely interlock on the grooves at four sides of UniPanel (main panel). The patented Cable Trench system, a continuous grid-form cable trenches throughout the floor plan, provides free accessibility to users and maximum capacity for network;s cable dstrubution and extension. The unique invention **Socket-Set-Screw** system contributes super-low installation at FFH (finished floor height) from 60 mm down to 40 mm, which traditional access floors are not capable to install.

## User Friendly

**Reticulated Cable Trench System:** Grid-forming Cable Trench system provides a cable trench with inside width 110 mm (4.33”) within every 600 mm. The trench caps are easily lifted and accessible by access floor installers, network technicians, and office users.

**Low-Profile: Don't sacrifice ceiling height!** The unique Socket-Set Screw system enables installation heights down to 40 mm ~ 60 mm (1.57” ~ 2.36”) while still providing high cable capacity inside the Cable Trenches.

**Stability:** The self-standing **UniPanels** (main panel) are structured with 4 pedestals at each corner of the panel. The UniPanels, with four built-in pedestals, are independently supported. In the event of an earthquake or unusually strong impact, the isolated panel system will not suffer a domino effect collapse.

**Safety, No hazards:** During re-routing or re-location, the technicians or office users just lift the Cable Trench caps by hand and add, re-route or remove data and power cables.

If the site was installed with traditional access floor, the user has to use special tools like a panel lifter. Each steel cementitious or calcium sulphate access panel normally weighs 12 to 15 kg (26 to 33 lb) per panel and may not be safe or convenient to be handled by office personnel.

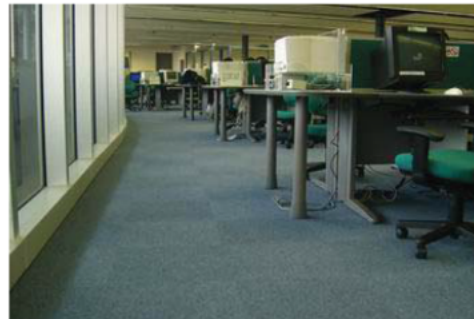
## Infinitely Flexible and Cost Effective

**Easy routing and extension** of cables: Within Cable Trenches, power, data and voice cables, or even facility pipes are organized, distributed and extended.

**Extension** of cables to any point of furniture, partition, and workstation or fixture.

**Maintenance costs** can be reduced.

**Pedestals are not glued to the subfloor.** Removal of pedestals will not damage the subfloor. In the event of relocation, all components are reusable.



Self-standing UniPanel (main panel) connected by Base Connector to form the Cable Trenches. The Base Connectors and Pedestals are not glued to the subfloor and do not cause damage to the subfloor. The unique composition of UniPanels and base Connectors provide maximum cable capacity and systematic cable routing, extension and connection.



# The System --- CamassCrete

CamassCrete is composed of 4 main components: UniPanel (main panel), Base Connector, Central Cap and Flank Cap.

**Module set:** 600 mm x 600 mm (23.62" x 23.62") per module set. Each module set includes 1 UniPanel, 1 Base Connector, 1 Central Cap and 4 Flank Caps  
**UniPanel** (main panel): Size 510 mm x 510 mm (20.07" sq.) Cementitious-core, steel panel with powder coating. Four grooves at the side of the panel secure locking by Flank Cap. Factory assembled pedestals fixed at four corners of the panel. Due to the four built-in pedestals, UniPanel is self-standing and extraordinarily stable and secure.

**Base Connector:** To connect UniPanel's pedestals, and automatically form the Cable Trenches.

**Central Cap:** To install at the intersection of Cable Trenches.

**Flank Cap:** To install on Cable Trenches. Bent at side of cap to form u-shape flange which enables secure locking at grooves of the UniPanel.

**Interlocking System:** To install, use a Base Connector to connect UniPanels pedestals. Connecting the UniPanels is easy, no gluing, no nailing or drilling required. Continuous connection of UniPanels; standard-distance Cable Trenches formed automatically.

## Grid-forming Cable Trench Systems

Reticulated grid-form cable trench system provide large cable capacity and easy routing while preserving maximum ceiling height.

## Range of Low-Profile Installation Heights:

### CS1000W Low-Profile:

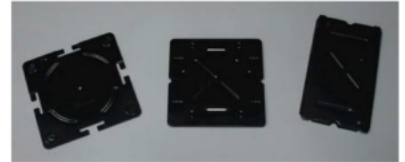
installation height from 76 mm (3")~150 mm (6").

### CS1000A Super Low-Profile:

installation height at 40 mm (1.57"), 50 mm (2") and 60 mm (2.36").



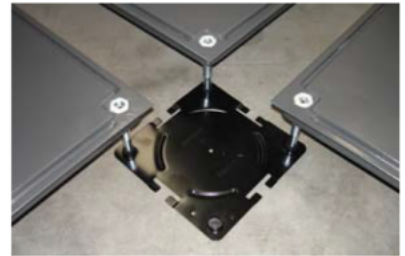
UniPanel with 4 built-in Pedestals



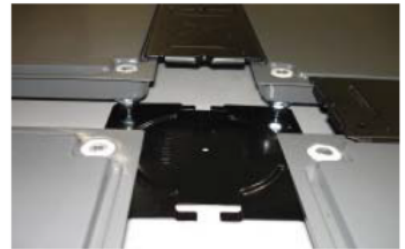
Base Connector

Central Cap

Flank Cap



Base Connector connects pedestals forming low-profile 76~150 mm



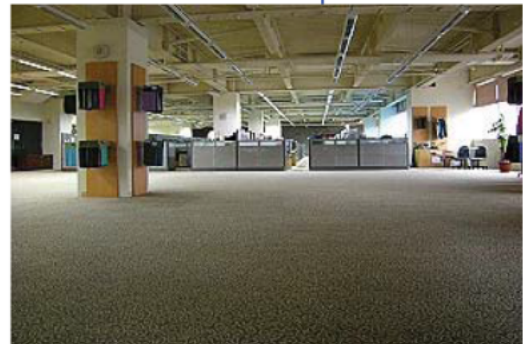
super low-profile 40~60 mm

## During installation and Cable Layout



Cables routing inside the Cable Trenches and extending through any point of the interior

## After Installation and Upfit



CamassCrete facilitates a neat, efficient environment. Unlimited cable highway running underneath the floor

**CamassCrete**  
CS1000A/CS1000W

CS1000W-76 / CS1000W-100 / CS1000W-150

**Cable Trench Capacity by system height**

Inside width: 110 mm (4.33")

Clearance: system height minus 5 mm

System	System height	Cable Trench width	Cable Trench clearance
CS1000W-76	76 mm (3.0")	110 mm (4.33")	71 mm (2.79")
CS1000W-100	100 mm (4.0")	110 mm (4.33")	95 mm (3.74")
CS1000W-150	150 mm (6.0")	110 mm (4.33")	145 mm (5.70")

**Height adjustment: Self-standing UniPanel**

Where there is floor deviation, impact noise might be caused by tip of pedestals. Adjust the pedestals to eliminate noise and deviations, and to level the access floor.

Step 1: Loosen the lock-nut apply the 17 mm wrench to loose the lock-nut at bottom of the pedestal by counter-clockwise

Step 2: Adjust Height  
apply the 4 mm hex key wrench, stretch at the hex hole at top of the pedestal, to adjust

Step 3: To Fasten  
use the 17 mm wrench again, to fasten the lock-nut be clockwise.



4 mm hex key wrench + 17 mm wrench



Step 1 and 3: loosen and fasten the pedestal at the lock-nut at bottom



Step 2: adjust height from top by key wrench

Flank Cap with clamping devise (optional) for extra fixing to UniPanel (main panel)

Central Cap with locking screws (optional)

Upper view

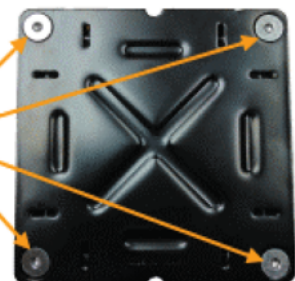


Bottom view

Clamping clips



Locking at four corners:



**Super-Low Cable Highway**

CS1000A-40 / CS1000A-50 / CS1000A-60 series

Cable Trench Capacity in different heights

Inside width: 110 mm (4.33")

Clearance: System height minus 5 mm

System	System Height	Cable Trench width	Cable Trench clearance
CS1000A-40	40 mm (1.57")	110 mm (4.33")	35 mm (1.38")
CS1000A-50	50 mm (2.0")	110 mm (4.33")	45 mm (1.77")
CS1000A-60	60 mm (2.36")	110 mm (4.33")	55 mm (2.17")



Socket-Set-Crew Fixed at top of the pedestal

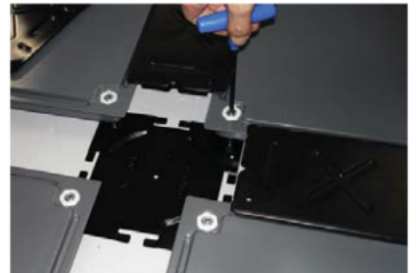
**Set-Screw Locking System --- for Super Low-Profile installation**

Step 1: To loosen

Apply the 5 mm hex key wrench to loose the Set-Screw by counter-clockwise.



5 mm hex key wrench



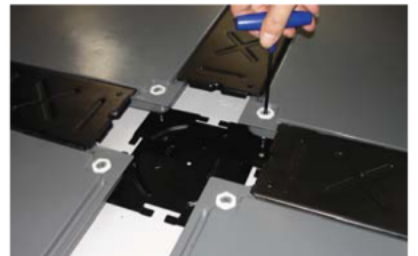
Step 1 and 3: to loose and lock Socket Set Screw from above

Step 2: To adjust height from top

Use the 4 mm hex key wrench, Stretch trough the Set-Screw, Insert at hex hole at top of the pedestal, then adjust height.



4 mm hex key wrench

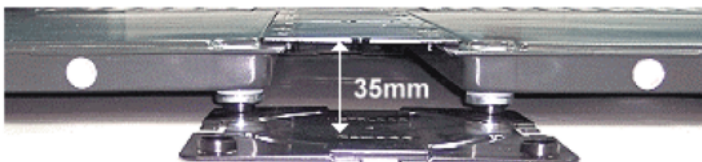


Step 2: to adjust height from top

Step 3: To fasten

After Step 2 height adjustment, apply the 5 mm hex key wrench to lock by clockwise.

CS1000A-40 to install at 40 mm high  
35 mm clearance in Cable Trenches



Renovation jobs: Installing on the old, embed floor trenches

Applications: to meet cable capacity and finish floor height requirements, both CS1000W and CS1000A systems are ideal for corporate headquarters, general office, school, libraries, public and private training institutes



## Cable Routing and Extension

The grid-pattern cable trench system provides systematic, easy routing and extension of cables. The trench caps to cover the cable trenches shall be installed before or after routing of cables. As all UniPanels are self-standing, lifting or replacing of trench caps is safe, convenient and doesn't require special tools like panel pullers.

## Cable Pulling and Routing

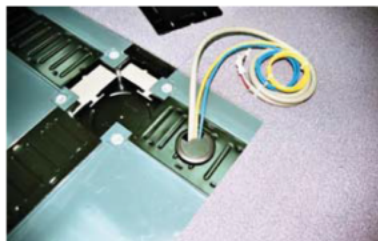
In case of a high number of cables, cables may enter through the void space under the UniPanel itself. Then, distribute the cables through the reticulated Cable Trenches like normal.

## Cable Extension

**Exit-cap:** Cables extend through **Exit-Caps** (Flank Cap with 60 mm diameter opening) and connect at wall base, half-height or full-height partition, desk top, retail fixtures, etc.



Exit-Cap



Cables extending from Cable Trenches to wall base, desktop, any point of the workstation



## Outlet Service Box - through cable trench

**SE603** steel lid / **SS603** stainless steel lid

Installing at the Cable Trenches using for 60 mm height

and higher: NetfloorUSA outlet service box **SE603/SS603**

Installed at Cable Trench by replacing one Flank Cap.

**SE603/SS603** accommodates 2 power sockets and 3 data jacks.



## Large outlet box:

**SB75** plastic lid / **SS60** stainless steel lid

To accommodate larger size outlet box, Outlet-Panel is custom-made by cutting a partial UniPanel to the required size (include the 90 mm width at Cable Trench) to fit at all internationally recognized brand's as Britmac, Spider, AMP, and etc.



To accommodate large size floor box - Cut at side of the panel (include the Cable Trench width) and install in the trench.



CamassCrete installed in education institute and library. Accommodates all types and brands of floor box

**CamassCrete**  
CS1000A/CS1000W

## Ramp and Skirting

**Ramp:** Steel ramp is available in heights of 40, 50, 60, 76mm and 100 mm. Ramps have a minimum slope of 1:12 for ADA requirements.

**Skirting:** Aluminum Skirting is available in 6 standard heights: 40, 50, 60, 76 and 100mm.

**Ramp Rail:** Aluminum Ramp Rail acts as threshold at top of Ramp for a smooth transition.



## Specifications

**System:** NetfloorUSA CamassCrete series

### 1. Module Set

1.1 Module size: 600 mm x 600 mm (23.62" x 23.62")  
-1 UniPanel + 1 Base Connector + 1 Central Cap + 4 Flank Caps.

### 1.2 System height:

1.2.1 CS1000A Super Low-Profile: 40 mm (1.57"), 50 mm (2.0"), 60 mm (2.36")

1.2.2 CS1000W Low-Profile: 76 mm (3") ~ 150 mm (6")

1.3 System weight: avg.36 kg / per sq. meter (including trench covers).

### 2. Main Components:

#### 2.1 UniPanel (Main Panel)

2.1.1 Size: 510 x 510 mm (20.07" x 20.07")

2.1.2 Grooves: on four sides of panel: width 5 mm, length 410 mm, depth 8 mm from surface of panel.

2.1.3 Top plate and bottom plate of Panel: steel, corrosion protection with powder coating. Panel body has cementitious core.

2.1.4 Pedestals: Galvanized steel, fixed at four corners. Assembled to system's required height.

2.2 **Base Connector:** steel, thickness 0.6 mm, corrosion protection by powder coating or electro-deposition..

2.3 **Central Cap:** steel, thickness 2.3 mm, corrosion protection by powder coating or electro-deposition.

2.4 **Flank Cap:** steel, thickness 2 mm, corrosion protection by powder coating or electro-deposition, ribs reinforced at surface of the cap, 8 mm bent at flange to form a u-shape, bent flanges sealed by u-shape PVC trim to eliminate noise when contacting at grooves of the UniPanel.

2.5 **Flank Cap with clamping device** (optional) extra holding Flank Cap onto UniPanel (main panel).

### 3. Cable Trench Capacity

3.1 Inside width: 110 mm (4.33")

3.2 Cable Trench opening width: 90 mm (3.54")

3.3 Cable Trench clearance: system height minus 5 mm

3.4 Cable capacity under Unipanel (main panel): system height minus 28 mm.

### 4. Loading Property: UniPanel, in accordance with ASTM E-196

4.1 Concentration Load: (by 1 inch diameter indenter)  
300 kg < 2.0 mm depression (660 LB < 2.0 mm depression)

4.2 Concentration Ultimate Load: (by 1 inch diameter indenter)  
greater than 900 kg (> 1.980 LB)

4.3 Uniform Ultimate Load: greater than 50 psi

### 5. Flammability: Non-combustible. Meet BS476, part 4 ASTM E-84 class 1.

6. Surface Floor Covering: Commercial type carpet tile or vinyl tile of more than 4.5 mm thick are standard surface coverings/toppings recommended for CamassCrete.

7. Warranty: 5 years limited warranty.

In pursuing quality improvement, the manufacturer reserves the right to vary specifications without prior notice.

**CamassCrete**

CS1000A/CS1000W