



The first name in enclosure systems

# Brush Access Floor Tiles - BAFT

A power-saving facility for System Installers, Administrators and Facility Managers

Reduce Power Bills in your Data Center!

Raised floors made of square tiles are common in today's data centers for installations that have a large number of data cables. The current practice is to cut a slot in the conventional square tile and to allow cables routed below the raised flooring to pass through.

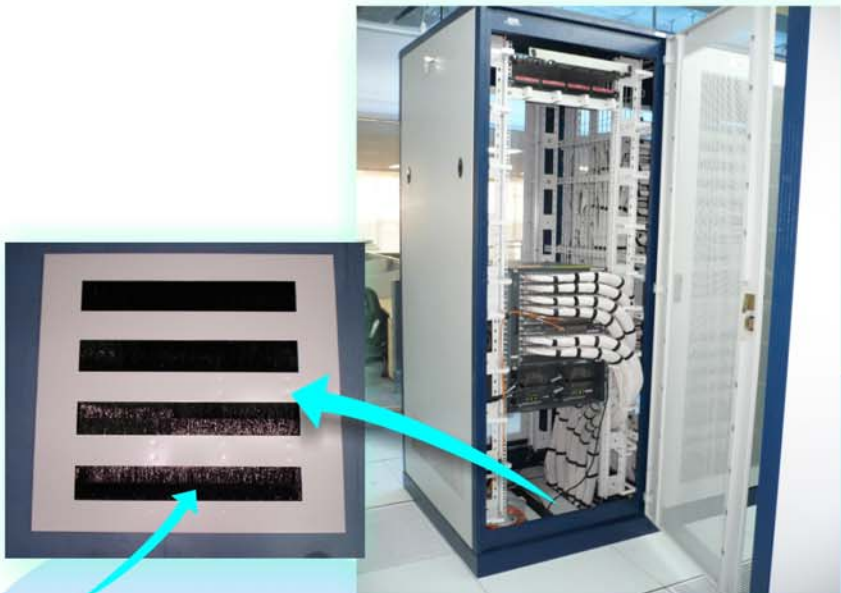
This practice is cumbersome and has several drawbacks, such as:

- Inefficient airflow** Cold air leakage through the slots - which are generally oversized
- Delays** The cabling team has to wait for the cutout slot to be provided on the tile by the civil contractor, which means a loss of time
- Damage** Sharp edges on the slot can cut into the cables passing through, thereby damaging them
- Pollution** The tile cutting spreads fine dust all over the area, adding to the pollution
- Non-reusability** No flexibility in relocating the tile with the cutout slot, and hence such tiles cannot be used more than once

The innovative pre-slotted brush tile system from APW President **addresses all these problems.**

"The perforated brush tiles suggested by APW President have helped us in achieving better cooling. Earlier, the cable openings on tiles were leaking excess cool air. Now, the brush tile solution has helped us take a great step forward towards better air distribution of the heat load. The brush tiles have made it easier to route cables and improved the aesthetic looks of our facility."

[Unsolicited testimonial from one of our prestigious customers]



Nylon Brushes

## Introducing BAFT

The Brush Access Floor Tile (BAFT) is a fabricated steel tile, with 4 slots of 70 x 440mm (W x L). These fabricated tiles have the same dimensions as the conventional 600 x 600mm tiles used in data centers.

The slots on the brush tile are provided with a smooth beading along the edges, thus preventing any possible damage to the data cable while laying it through. The cutouts on the tiles are covered with nylon bristle brush panels. These brush panels, while allowing data cables to pass through snugly, spring back and interlock where there are no cables, thus actively sealing the slot and preventing leakage of underfloor cold air through the cutout.

By using these tiles, the incidence of cold air leakage is reduced considerably, thereby conserving thermal energy and enabling savings in your power bills.



Type-2



Type-1

**BAFT = Saving Power!**

## Advantages of BAFT

As seen in the photographs above, conventional tiles are replaced by the Brush Access Floor Tiles (BAFT). This allows the cables running below the raised floor to enter the cabinet smoothly, without likelihood of any damage.

<b>No pollution</b>	Brush Access Floor Tiles (BAFT) are pre-slotted, thus avoiding the pollution associated with the on-site cutting of conventional tiles
<b>Air seal</b>	All slots have self-sealing brush panels to prevents cold air escaping through
<b>Quicker installation</b>	Replacing conventional tiles with BAFT speeds up the cabling installation process as they are ready to use
<b>Reusable</b>	Relocation of the BAFT is possible, rather than having to scrap the conventional tile once it has been cut for a specific position
<b>Manageability</b>	Cables are routed safely, neatly and in an uncluttered manner



## APW PRESIDENT SYSTEMS LTD.

R-2, Technopolis Knowledge Park, Mahakali Caves Road, Andheri (East), Mumbai 400 093.  
Phone: +91 22 6644 8888 • Fax: +91 22 6644 8899 • Email: [info@apwpresident.com](mailto:info@apwpresident.com)  
Website: [www.apwpresident.com](http://www.apwpresident.com)