



## Fewer energy losses in computing centers: Hanno, Germany uses Basotect® in its foam closure Clima-Tect®

### Case Study

The sealing and insulation systems manufacturer Hanno, Germany now uses the melamine resin foam Basotect® in its energy-saving foam closure Clima-Tect® to reduce thermal bridges and consequently energy losses in computing centers. Using a special coating, Hanno makes the flame-retardant BASF foam virtually air-tight, thus reducing air losses by 99.9 % in computing centers resulting from openings in the false floors. The temperature and pressure remain stable, and air conditioning costs fall by up to 10 % according to the manufacturer.

Rooms in computing centers with network cabinets are often fitted with false floors to accommodate the cabling. Through openings in the floors the cables are routed upwards. However, the cold air for cooling the servers escapes through these openings. With Clima-Tect®, these openings can be closed. Pre-punched rectangles in the foam panels make it easier to pull out the cable openings so that the foam fits perfectly around the cables. Since Basotect® can be processed fiber-free, the sealing cushions can be installed while work is in progress. In contrast to other materials, this retrofit does not increase the fire load.

