

## Press Release

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Text PressText\_EN\_BIS\_Brandschutzsystem mit FP550 - 4219.INT dated  
04.10.08  
2 page(s), 364 words, 1999 characters  
For press

### Foam with a System

## Revolution in Fire Protection

### Fire-Resistant and smoketight penetrations

Walraven is now revolutionising fire protection with its new BIS fire protection system. The basis for this is the new Tangit® FP 550 fire protection foam by Walraven's partner Henkel, which makes it possible to seal wall and ceiling openings up to a maximum width of 50 cm, a maximum height of 35 cm and an area of 0.1225 m<sup>2</sup> in foam for the first time, making them fire-resistant and completely smoketight.

There are many fire protection foams, but up to now there has not been one which could fulfil the strict fire protection conditions in accordance with EN 1366 in walls and ceilings. The gap has now been filled by Walraven with the Tangit® FP 550 dual-component fire protection foam.

Europe's leading manufacturer of pipe fixing systems has developed the "BIS Pacifyre® & Tangit® fire protection systems" together with Henkel and is distributing this system exclusively for use in house technology.

The system includes cable, pipe and combination penetrations. The individual components guarantee fire resistance of at least 90 minutes and 100-percent smoke gas impermeability which saves lives. This is because most fire victims die from poisonous waste gases and not from the direct impact of the heat.

Apertures in walls or ceilings of up to 35 x 35 centimetres or 35 centimetres in diameter can be quickly and efficiently closed, with just 150 millimetres of insulating strength.

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The foam is self-filling and allows for individual mouldings. The Tangit® FP 550 is also fantastically suited for light partitioning walls from 100 millimetres in thickness. Cables can be laid afterwards flexibly and easily.

The revolutionary foam based on two-component expansion resin is intended to partition combustible and non-combustible pipes (EI90) up to 140 millimetres diameter, electrical cables (EI90) up to 32 millimetres, cable trays (EI90) and combination wall partitioning (EI90).

In addition, it is very well suited for noise insulation and heat insulation in accordance with DIN 1988-2 and the German Energy Saving Regulation (EnEV).

Internationally, authorisation has already be granted in many places.  
=Walraven/BfC=

**Note for editors:** This text and photographs can be found and downloaded under the following link: <http://www.waschzettel.de/page.cgi?!D=24945>

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