

## Data Sheet

### Perforated Metal Plank Type BP-HN (Flame Retarding)

The Flame Retarding planks BP-H, based on the Lichtgitter BP products, have proven effective for many years at transformer locations in on-shore and off-shore locations. The glass foam granulate filling is moisture resistant, fire proof and stable up to 600 degrees, and has been rewarded for its environmental friendliness. Benefits & Advantages:-

- Containment and delay of fire in the collecting pan
- Immediate access to site by Emergency services
- Shorter switch-off period of the transformer
- This system would stifle the beginning of fire
- High safety level during maintenance
- Better and quicker control of collecting pan
- Optimum flow speed of oil, tempering & rain water

#### Technical Details

		Standard
Material	Steel S235JR	
Finish	Galvanised	BS EN ISO 1461
Height (H)	50mm to 100mm (variable)	
Material Thickness	2.5mm	
Open Area	4.8%	
Slip Resistance, Surface Type	Galv, PTV 45 (Wet)	BS7976
Perforation Type	8mm Punched holes, 10mm Ball proof	BS EN ISO 14122
Standard Production Lengths (L)	Max 3000mm	
Standard Production Widths (W)	150mm, 200mm & 300mm	

#### Loading

Max Clear Span (\*Clear distance between supports)    Dependent on depth - Confirmation on application  
 Fixing Compatability    Heavy Duty, Self Tapping Tek Screws

\* Supports must be fully supported on two opposing sides of the clear span

\*\* EN ISO 14122 states deflection between adjacent loaded and unloaded panels must not exceed 4mm

