

Data Sheet

Perforated Metal Plank Type BN-OF (Fire-retarding)

The fire-retarding covering BN-OF was developed as an alternative to conventional coverings, based on the well known Lichtgitter metal plank product BN-O. The planks are edged outwards on one underside edge achieving an approximate support area of 20mm, and both short edges have closed sides. This advanced product BN-OF is especially suitable as a covering for the oil collecting pans beneath transformer units. In the case of a fire the flames are restrained by the limited air permeability, but not stifled. Benefits inc:-

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

Technical Details

Material	Steel S235JR	Standard
Finish	Galvanised	BS EN ISO 1461
Height (H)	40mm, 50mm, 75mm & 100mm	
Material Thickness	2.5mm	
Open Area	5%	
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)	10,000mm (Possible)	
Standard Production Widths (W)	150mm, 200mm, 250mm & 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

