

Technical Specifications – CLASS 1 & LSOH [Low Smoke Zero Halogen]

Material		Compressed foam sheet
Cell Structure		Closed Cell
Fire performance	BS476 Part 7 1987	Surface Spread of Flame Class 1 (BS 476 part 7)
Building Regulations	1991 (England and Wales)	Class 1
Building Standards	1990 (Scotland)	Class 1
Reaction to Fire	Vicat softening temperature	>73°C
Thermal Conductivity	DIN 52616	0.55-0.07W/(m – K)
Toxicity		Halogen Free
Health Aspects		Dust & fibre free CFC & HCFC free Formaldehyde free
Water Absorption	Test according to DIN 53495	1% Average
Modulus of Elasticity	DIN 53457	900-1500MPa
Impact Strength	ASTM D256	>9KJ/M ²
Tensile Strength	DIN 53455	15MPa
Elongation at Break	DIN 53455	>15%
Environmental Factors	OPD Zero GWP Zero	
Density	DIN 53479	0.55-0.70g/cc

