

## KPB 矿物棉板隔热材料



### 技术指标

适用范围	耐火等级	密度 Kg/m <sup>3</sup>	常用尺寸mm			外包覆层	固定方法
			长/L	宽/W	厚/T		
钢制舱壁 钢制甲板	不燃性	38~100	600~1200	300~700	20~100	玻纤布或铝箔布	耐高温粘结剂 或碰钉
技术指标							
项目	参数						
导热系数	0.035-0.39 (W/m·K)						
耐火等级	不燃性材料, 符合IMO 2010 FTP Code Part 1						
热荷重温度	≥250℃						
常温下毒性	符合GJB 3881、GJB 7497要求						
烟气及毒性	符合IMO 2010 FTP Code Part 2						
石棉含量	无石棉, 符合SOLAS II-1章第3.5条						
憎水性	≥98%						
计权隔声指数	49dB						

### 产品优势

KPB矿物棉板隔热材料为A级不燃性材料, 不燃性检测符合IMO 2010 FTP Code Part 1的要求。质轻, 材质柔软与钢板密合性好, 能有效防止冷凝水产生, 避免钢板被腐蚀。产品品质、性能稳定, 集保温隔热、隔声吸音、减震防潮等优点于一体, 效果良好。

### 结构形式



## KPB Mineral Wool Plate Insulation Material



### PRODUCT PROPERTIES

Scope of application	Fire classification	Nominal density Kg/m <sup>3</sup>	Dimensions (mm)			Facings (on request)	Fixation method
			L	W	T		
Steel bulkhead Steel deck	Non-combustible	38~100	600~1200	300~700	20~100	Glass cloth or aluminum foil cloth	High temperature resistance binder or steel pin
PRODUCT PROPERTIES							
PROPERTIES		PERFORMANCE					
Thermal conductivity		0.035-0.39 (W/m·K)					
Fire classification		Non-combustible, compliance with IMO 2010 FTP Code Part 1					
Heat shrinkage temperature under load		≥250 °C					
Toxicity at normal temperature		Compliance with GJB 3881 and GJB 7497					
Smoke and toxicity		Compliance with IMO 2010 FTP Code Part 2					
Asbestos Content		Non-asbestos, compliance with Regulation 3-5,Chapter II -1 of 1974 SOLAS Convention,as Amended					
Hydrophobicity		≥98%					
Weighted sound reduction index		49dB					

### PRODUCT ADVANTAGES

KPB mineral wool insulation material is class A non-combustible material, and the non-combustibility test meets the requirements of IMO 2010 FTP Code Part 1. The KPB product is light weight, soft material and has good tightness with steel plate. It can effectively prevent condensation water from occurring and prevent steel plate from being corroded. The product is stable in quality and performance, and integrates heat insulation, sound insulation, sound reduction, damping-proof and moisture-proof.

### STRUCTURE ILLUSTRATION

