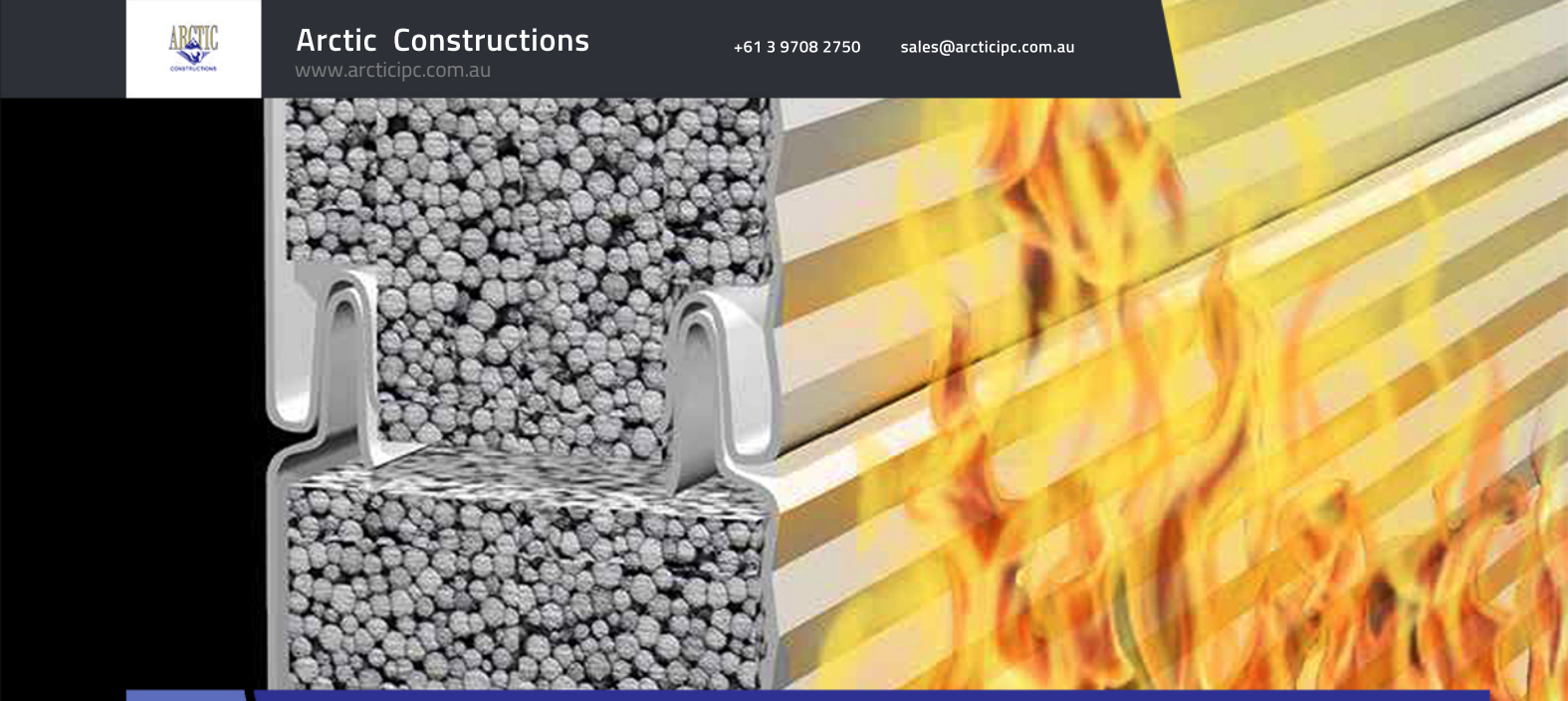

FIRE PERFORMANCE

Table 01. Fire Performance

CRITERIA	XFLAM	EPS	PIR	MINERAL WOOL
AS 1530.3: Steel Ext. / Int. face determination of flame propagation & smoke development	Flame Spread 0 Smoke Dev. 2	Flame Spread 0 Smoke Dev. 2	Flame Spread 0 Smoke Dev. 2	Flame Spread 0 Smoke Dev. 2
AS 1530.4/BS 476 pt22-24 / LPS 1208 and equivalents. Fire rating of elements	A- / 120 / 30 (100mm Panel) - / 120 / 115 (250mm Panel) - / 90 / 60 (100mm Panel+ 3mm Fyreline Gyp)	- / 240 / 0 (100mm Panel)	- / 120 / 30 (100mm Panel)	- / 60 / 60 (100mm Panel) -/120/120 (150mm Panel)
Factory Mutual (FM Approved)	FM 4471 - Roofing FM 4880 - Interiors FM 4881 - Exterior	- / 240 / 0 (100mm Panel)	- / 120 / 30 (100mm Panel)	- / 60 / 60 (100mm Panel) -/120/120 (150mm Panel)
ISO 9705 BCA Classification	Group 1	Group 1	Group 2	Group 1
Toxicity (Combustion gases)	Very Low (CO, CO2)	Low (CO, CO2, C)	Moderate (HCN, HCL, CO)	Non Flammable