



ENVIRONMENT & WELLBEING

Products of Combustion

Fire rated materials are used to protect life and property by delaying the development of a fire. Products of combustion from these materials should not contain highly toxic gases.

		XFLAM ppm	EPS ppm	PIR ppm
Products of Combustion	Carbon Monoxide	600	10	600
	Carbon Dioxide	600	500	500
	Hydrogen Cyanide	Undetected	0	10
	Isocyanates	Undetected	0	1.8

Undetected – Level below sensitivity of the test apparatus

Recyclability

As installed panel reaches the end of life in a building the insulation core may be recovered and returned to the plant for recycling. Xflam and EPS are fully recyclable and may incorporate a proportion of granulated offcuts, eliminating production waste, whilst enhancing performance. The steel skins similarly are recovered and recycled into “new”, steel.

	XFLAM	EPS	PIR	MINERAL WOOL
Recyclable Core	YES	YES	NO	NO