



**EDON**  
FIBERGLASS

## FRP FIRE RATING:

### Flame Retardant Resins, Class 1

FRP is available in a wide variety of flame-retardant properties, depending upon the resin type used, and the admixture. Standard FRP products with GP (General Purpose) resins are not fire rated materials. Use of FR (Fire Rated) resins creates an FRP with characteristics that meet or surpass the requirements of the current IBC, in most applications. The fire retardant properties of FRP can then be further improved by admixtures. In a base FR formulation, with no admixtures, Edon's FR rated FRP has the following characteristics:

ASTME-84 (tunnel test):	flame spread	less than 25 (unfilled)
	smoke density	less than 450 (unfilled)
H LT- 1 5 Rating		100
ASTM D-635-74		AEB<1.0 CM
		ATB<5 sec.
ASTM D-2863-74 (Oxygen Index)		36.5