



KIMMCO

A subsidiary of
Alghanim
INDUSTRIES



MANUFACTURED
UNDER LICENCE OF
ISOVER
SAINT-GOBAIN



Don't let your dreams go up in smoke - Use Fire Safe Insulation



SMOKE IS MORE FATAL THAN FIRE!!!



USE KIMMCO Mineral Wool Insulation for **Excellent Fire Protection**

MINERAL WOOL INSULATION – Behaviour in Fire

- Mineral wool is made of sand or rock, therefore it resists to temperatures up to 500° C (glass wool) or 1000° C (rock wool) and cannot burn.
- Acts as a fire barrier and minimizes the fire spread.
- Reduces the environmental damage.
- Does not emit toxic smoke.
- Provides valuable extra minutes to save lives and property.



INSULATION FEATURES



Superb Thermal Insulation



Non combustible Insulation



Superb Acoustic Insulation





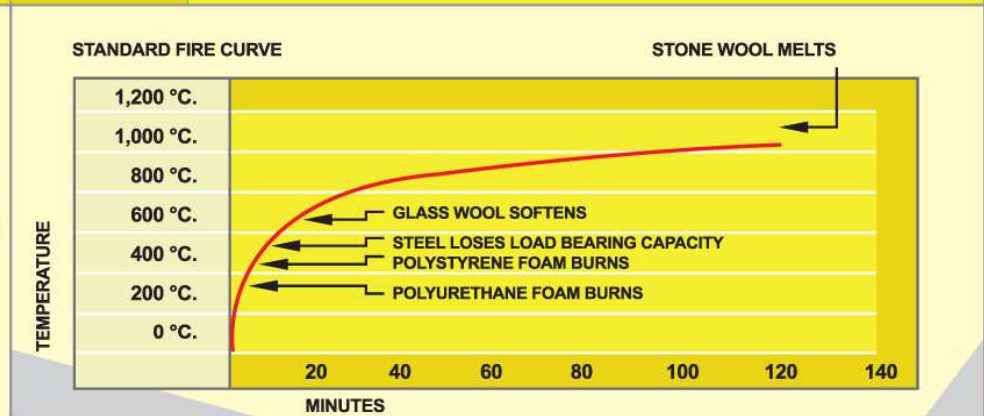
Environmentally friendly Insulation

Insulation Solution Provider



PERFORMANCE OF VARIOUS INSULATING MATERIAL DURING FIRE

Favorable Insulation for Fire Protection		Glass Wool	Glass wool is made out of sand and it resists deformation up to 500°C and softens around 600° C.
		Rock Wool	Rock wool is made out of rock and it can withstand temperatures up to 1000°C.
Unfavorable		Plastic Foam Insulation (PUR, EPS, XPS etc)	PUR and PIR, on burning, produce poisonous gasses such as Hydrogen Cyanide (HCN)
			300 ppm of HCN is equivalent to Over 8000 ppm of Carbon Monoxide that causes immediate death.
			HCN produced from Plastic Foam increases as the temperature Increases > 600° C.



MINERAL WOOL FIRE SAFETY FEATURES

Mineral wool insulation is non – combustible when tested in accordance with BS 476 (part 4), ISO 1182 and ASTM E 136 and has following safety rating achievements:

- i) Class 1 surface spread of flame in accordance to BS 476 (part 7)
- ii) Class 0 in accordance to the BS 476 (part 6 and part 7) and to British Building Regulations
- iii) Class A1 in accordance to European Norms
- iv) Surface burning characteristics in accordance to ASTM E 84.

- i) Fire Spread Index Less than 25
- ii) Smoke Developed Index Less than 50

For more details you may log on to www.kimmcoinsulation.com or contact us on below details

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