



Product Number: 41

Intumescent Fire Proof Sponge

Description:

The Intumescent Fire Proof Sponge is a black sponge that will not burn just char in the event of a fire.

This fireproof sponge is incombustible, emits no toxic fumes, and slowly degrades in a fire.

This product will give between 1-2 hours fire protection depending on the circumstances, a depth of 30mm into the wall will achieve 1 hour fire protection where at a 40mm depth it achieves 2 hours fire protection. The two-hour protection version is coated on the risk surface with white intumescent material.

This product can be supplied either in 1m² and 1m x 2m sheets, Strips or a profile size either ready to fit or cut to a size of your choice.

We can supply this product in a range of thicknesses between 10mm – 60mm.

As this is a non-fibrous sponge it is ideal for under raised floors in computer suites and in hospitals. When in a fire situation the sponge will expand around cables and services giving a smoke, gas and fire seal.

Material Specification:

This product is a black flexible polyurethane sponge treated with flame retardants, Particulate filler and a polymeric bonding agent.

Density (Kg/m ³)	90-100
Hardness	130-180
Tensile strength (Newton's) Min	70
Elongation at break % Min	90

Test Details:

	<u>Integrity</u>	<u>Insulation</u>
Trada – FR 1739	240 Minutes	N/A
Fulmer Yarsley – J84201/22	49 Minutes	N/A