

AITHON A90H

fire protection of non-loadbearing walls

EN 1364-1 / EN 13501-2:

▶ EI 120

▶ R120 also on concrete
beams and columns
(BS EN 13381-3)

- EASY TO APPLY
- WATERBORNE, LOW VOC COATING
- CLASSIFIED IN Y CLASS: NO NEED OF TOP-COATING EVEN IN HIGH HUMIDITY AND LOW TEMPERATURE INTERIOR ENVIRONMENT



After more than 120 minutes of fire, at the end of the test the furnace was opened, and the highly insulating char created by AITHON A90H was still glowing. But the char showed an impressive integrity.

*hard, thin film intumescent coating
for durable fire protection and decoration*

Fire protection and decoration

AITHON A90H has a smooth, matt white finish and does not need a top coating even in high humidity, low temperature environment (classified Y according ETAG 18-2)

But if a decoration is required, **AITHON A90H** has a suitable top-coating which provide a satin or matt finish in the full RAL colour range



BEFORE



AFTER

30 years guarantee

Defining the lifetime of a fire protection system is often a difficult problem to solve. The over 30 years of our experience in research and development of intumescent coatings, together with the high quality of the raw materials that we use, allow us to offer a 30 years guarantee for all our intumescent coatings and varnishes. For further details about our guarantee program please contact our technical service.

Technical data	Solids by volume	66%
	solids by weight	72%
	density	1,33 Kgr/lt
	colour	white
	viscosity	thixotropic product
	VOC	< 45 gr/lt
	VOC (on request)	< 5 gr/lt

Application	thinner	water
	wet film thickness	2 Kgr/sqmt for 1500 micron
	dry film thickness	2 Kgr/sqmt for 1000 micron
	first coat	< 250 gr/sqmt (recommended)
	further coats	up to 1 Kgr/sqmt per coat
	Drying time (20°C, 65% R.H.)	dust dry: 30 mins.
		touch dry: 2 hours
		3 – 4 hours between coats
	Top coating (if required)	after 24 hours
Shipment weight	20 Kgr net plastic pails	



ENVIRONMENTALLY FRIENDLY

Waterborne, halogen-free, low VOC content, Aithon A90H protects masonry as well as the environment.

Thank to its very low emission to the environment, A90H is approved for fire protection in clean rooms (Outgassing tests at 40°C: 2,6 µg/g). This is a guarantee for any sensitive buildings like schools and hospitals.

AITHON RICERCHE INTERNATIONAL s.r.l.

via Mazzini 68, I 21020 Ternate (VA) – Italia

info@aithon.co.uk

www.aithon.co.uk

Technical service: tel. +39-348-900-1515