

TEL NO:
OUR REF:
YOUR REF:
REF: NUMBER AND DATE SHOULD
BE QUOTED IN REFERENCE
TO THIS LETTER.



FIRE SERVICES DEPARTMENT.
EX MCWE BLOCK,
QUEENSWAY,
HONG KONG.

FIRE PREVENTION BUREAU
HELP US TO HELP YOU

29th October, 1970.

Dear Sirs,

Insulation for use with duct work or pipe work

Over the past months I have been requested to approve insulation for the above purposes. The main requirement is simply that any insulation used internally be non combustible there being no restriction for external applications.

However, it should be appreciated that there are applications where insulation is not only required to be non combustible but to have an element of fire resistance also. Two such applications come to mind and your attention is specifically invited to them, these are :-

- (1) Where a duct passes through a structure and is provided with a fire damper, the external insulation is required to have a fire resistance equal to the structure through which the duct passes.
- (2) Where chilled water lines and condensate drains are run in the false ceiling of the floor under a fan coil unit installation, the insulation used at the point where the pipes pass through the floor slab to connect the fan coil units must have a period of fire resistance equal to the floor slab.

It will readily be appreciated that Polystyrene insulation does not satisfy requirements at (1) and (2) above. However, there are no objections to the continued use of Polystyrene or any other type of insulation for 'normal' purposes where no fire resistance is required. It should be noted that the authority to determine the fire resistance is the Building Authority.

Yours faithfully,

James R. S. Pickett
(J.R.S. Pickett)

for Director of Fire Services

To.: A/C Contractors Assoc.,
Consultants & Contractors.