



COSMO Co., Ltd.

20, Myeongnyesandan 2-ro,
Myeongnye-ri, Jangan-eup,
Gijang-gun, Busan, Korea

Tel : +82 51 519 9901

Homepage : www.bn-cosmo.com



Fax : +82 51 519 9910

TO	Maritime and Coastguard Agency (MCA) Survey Operations Branch	DATE	Feb. 01. 2018
		REF NO.	CD-QM-1802-0514
FROM	COSMO Quality Management Team		

Subject : Final Notice Letter of Insulation Nonconformity

Dear Sirs,

We are COSMO Co., Ltd., a manufacturer of fire doors.

Following the notice letter we informed on August 2, 2017, we inform you of the updated progress of the insulation nonconformity issue through attached our final notice letter.

If you have any questions, please feel free to contact us.

Sincerely yours,

Attachment :

1. Notice Letter(Rev.1_20180126)

DO YOUNG, KIM
Chief Executive Officer



Notice Letter

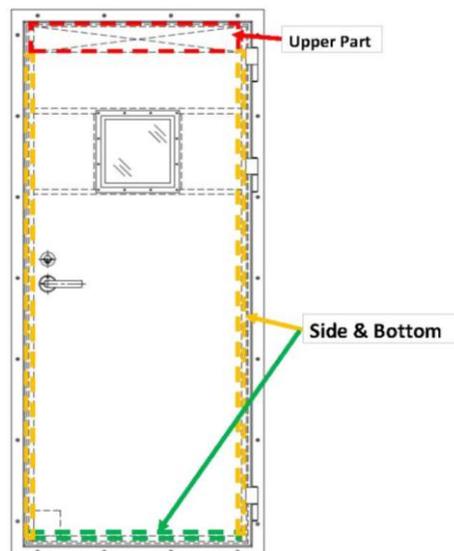
Date : 2017-08-02 (Rev.1, dated 2018-01-26)

Product : Fire doors / A-60, A-0 and B-15 Class

To whom it may concern,

This is to inform all the parties concerned that it was recognized that the insulation material inside the fire doors was partly missing. Please note that the partly missing insulation does not comply with the tested condition of MED-B certified products according to FTP code.

According to the internal investigation, some delivered products were found that the insulation material missing inside of door leaf border according to the sketch as below.



The root cause of this matter was poor workmanship of insulation process initially considered to be linked with the change of work process when new equipment (hot press) was introduced in 2013 November.

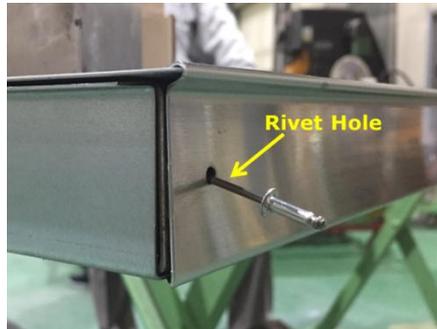
Affected products

We expect that the doors produced since 2013 November might be affected by this matter. It has later been informed that doors manufactured prior to Nov.2013 may also be affected.

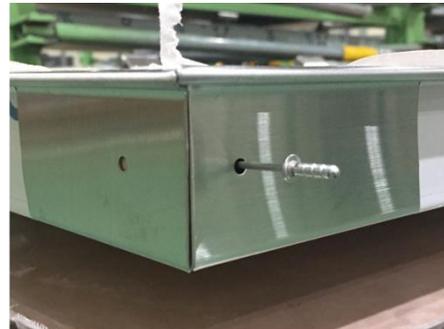
How to check

Installation of insulation for delivered products could be checked in the following ways.

1. Removal of rivet or hinge bolt at the side of door.
2. Insert the pin through the hole, and check.
3. If found missing insulation, please inform COSMO



Insulation is missing



Insulation is filled

Recommended solution

A-60 Type

- A repair procedure (CD-RP-01, Rev.8) has been established.
- New fire test by an IMO recognized fire test laboratory of representative doors repaired according to the established repair procedure confirms that affected doors as listed in the repair procedure meet the relevant requirements.
- **COSMO considers that the repaired doors concerned may remain on board without further action.**

A-0, B-15 Types

- New fire tests by an IMO recognized fire test laboratory of representative doors with partly missing insulation meet the relevant requirements.
- **COSMO considers that the doors as is may remain on board without further action.**

Permanent repair of A-60 Fire Doors

- Repair of door is injecting of non-combustible material (approved type) into the top part of door through the hole in order to fill out the empty space which affected missing insulation.
- Permanent repair to be carried out according to COSMO repair procedure CD-RP-01, Rev.8 and repair work should be done by any personnel who is familiar with drilling and hole cutting or general outfitter.
- After the repair work, a repair work report should be documented and sent to us, and then it will be verified by our responsible person to confirm guarantee of repaired doors.
- Further information including repair procedure, please contact us.
 - E-mail : cosmoqm@bn-cosmo.com
 - Tel : +82 51 519 9900

We express our deepest regret to cause your concerns and inconveniences.
Since 2017-07-04, we have improved the related product process & quality system and we also confirm that doors have been produced according to related requirements.
We will strive to ensure the best quality of products in the future and exert our best efforts in managing our products.

DO YOUNG, KIM
Chief Executive Officer



COSMO CO.,LTD.

20, Myeongnyesandan 2-ro, Jangan-eup, Gijang-gun, Busan, Korea

Tel: +82 51 519 9900, Fax: +82 51 519 9910

www.bn-cosmo.com