



Interiors

by **INEXA**

Craftsmen to the world's finest ships

TNF

Marine Fire Doors

Since the introduction in 1999, Inexa has delivered the doors to the shipbuilding and offshore industry together with TNF panel- and ceiling accommodation systems.

Product range

- B15 single & double hinged
- B15 single hinged, HNR 42 dB
- C-class
- A15 single hinged
- A60 single & double hinged

Specification

The MTO must include specification of the following items:

- National administration
- Classification Society
- Type of door
- Dimensions (Y, Z, T, F, Pk)
- Bulkhead thickness (S)
- Opening direction
- Sill type
- Colours on frame, doorleaf & trimlist
- Type of lock set
- Qty.
- Optional accessories

Dimensions:



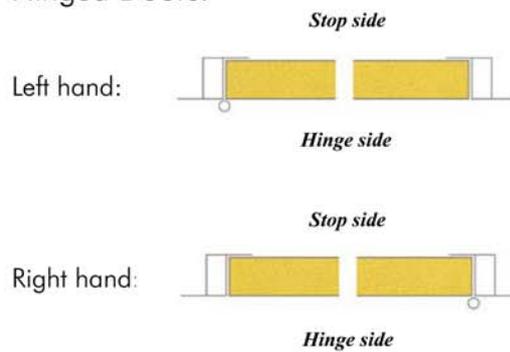
Additional information

You will be able to download or view more information on our web-page.

- Doorlist
- Drawings
- Certificates
- Installation details

www.inexa.com

Hinged Doors:



Approvals

Inexa have all necessary approvals and certificates from national authorities and classification societies.

The doors are tested according to IMO 754 (18)

Label

All doors are marked with a label on doorleaf to indicate approval and certificate no.

Acoustic values

Standard B15 doors with rubber seal in frame (option) have sound reduction value $R_w = 34$ dB.

B15-HNR door with rubber seal in frame have sound reduction value $R_w = 39$ dB

Weighted sound reduction index according to EN ISO 717-1 (1996)

Interiors
by INEXA

TNF FIRE DOOR

Fire Class:
A-60

Certified by
**DNV 0575
MED-B-5159**

Manufactured by
Inexa Interiors

Manufacturing Date
[]

Product Number
[]

DET NORSKE VERITAS
EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2002/75/EC, issued as "Forskrift om Skipstøytøi" by the Norwegian Maritime Directorate. This certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-5157**

This is to certify that the
Fire Doors
with type designation(s)
Marine DA15 type A-15 Class Fireproof Door
Manufacturer
Inexa Holding AB
Vrena, Sweden

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, Item No. A.1/3.16 and Annex B, Module B in the Directive, SOLAS 74 as amended, Regulation II-2/9.4.1.1.2, II-2/9.4.1.2.1 & II-2/9.4.2 and IMO FTP Code
Further details of the equipment and conditions for certification are given or

Havik, 2009-06-18
for Det Norske Veritas AS

Eivind Mykland
Head of Department

Notified Body No.: 0575

DNV local office:
DNV Stockholm

Veritas. The certificate is subject to terms and conditions thereof. Any significant changes in design or construction of the product or standards referenced above may render this certificate invalid. The product liability rests with the manufacturer in accordance with Council Directive 89/105/EEC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/conformity assessment module referred to in the second directive, is fully completed with.

DET NORSKE VERITAS AS, Veritasveien 1, NO-1202 Hovik, Norway, Tel.: +47 67 87 80 00, Fax: +47 67 87 80 11, Org.No. NO Form No.: MED.Ba Issue: December 2008

DET NORSKE VERITAS
EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2002/75/EC, issued as "Forskrift om Skipstøytøi" by the Norwegian Maritime Directorate. This certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-5278**

This is to certify that the
Fire Doors
with type designation(s)
TNF B-15 Class Fireproof Door Type DB15
Manufacturer
Inexa Holding AB
Vrena, Sweden

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, Item No. A.1/3.16 and Annex B, Module B in the Directive, SOLAS 74 as amended, Regulation II-2/9.4.1.1.2, II-2/9.4.1.2.1 & II-2/9.4.2 and IMO FTP Code
Further details of the equipment and conditions for certification are given or

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CERTIFICATE NO. **MED-B-5159**

This is to certify that the
Fire Doors
with type designation(s)
Marine DA50 type A-60 Class Fireproof Door
Manufacturer
Inexa Holding AB
Vrena, Sweden

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, Item No. A.1/3.16 and Annex B, Module B in the Directive, SOLAS 74 as amended, Regulation II-2/9.4.1.1.2, II-2/9.4.1.2.1 & II-2/9.4.2 and IMO FTP Code
Further details of the equipment and conditions for certification are given or

Havik, 2009-06-18
for Det Norske Veritas AS

Eivind Mykland
Head of Department

Notified Body No.: 0575

DNV local office:
DNV Stockholm

Amir Ozkanli
Amir Ozkanli
Surveyor

Veritas. The certificate is subject to terms and conditions thereof. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this certificate invalid. The product liability rests with the manufacturer or the representative in accordance with Council Directive 89/105/EEC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/conformity assessment module referred to in the second directive, is fully completed with.

DET NORSKE VERITAS AS, Veritasveien 1, NO-1202 Hovik, Norway, Tel.: +47 67 87 80 00, Fax: +47 67 87 80 11, Org.No. NO Form No.: MED.Ba Issue: December 2008

This certificate is valid until
2012-08-22

Body No.: 0575

/ local office:
Stockholm

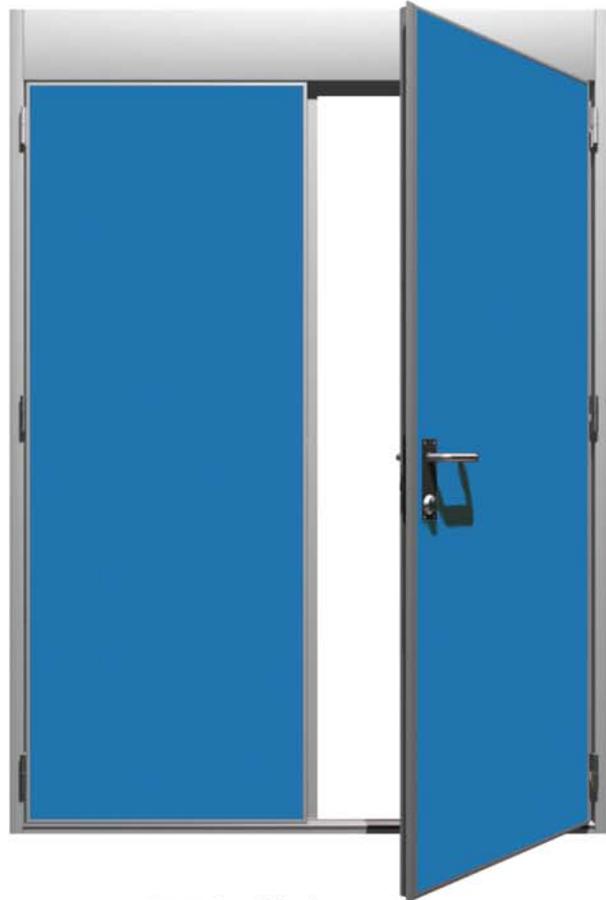
Amir Ozkanli
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B15 single hinged door



B15 double hinged door

B15 hinged doors, basic construction

- Single hinged 41 mm doorleaf made of steel plate with mineral woolcore
- Double hinged 52mm doorleaf made of steel plate with mineral woolcore
- double doors with two-point latch on in-active doorleaf
- aluminium or steel trimlist fastened with st.st. rivets
- frame made of steel profile
- top piece or top part as frame profile
- counter frame for wall installation
- st.st. hinges, screwed to frame and doorleaf
- st.st. sill- and striker plate
- reinforcement for doorcloser and magnet
- cut out for lock

Doorleaf Surfaces

Wide range of surfaces are available:

- powder painting, standard RAL colour
- PVC, standard Dobel/Gislaved/Nanya
- TNF Magic
- stainless steel, AISI 304 or 316

Accessories

The doors can be equipped with:

- lockcase, handle, escutcheon and cylinder
- ventilation grills (150-500cm²)
- kick out panel
- door closer
- door magnets/hold
- kick plate in st.st.

Frames

Frames in RAL colour or st. st. profile. Frames can be supplied to fit all types of bulkheads and installation methods:

- Z-frame made of steel Z-profile
- T-frame made of steel T-profile
- L-frame made of steel L-profile

Other frame types are available on request.

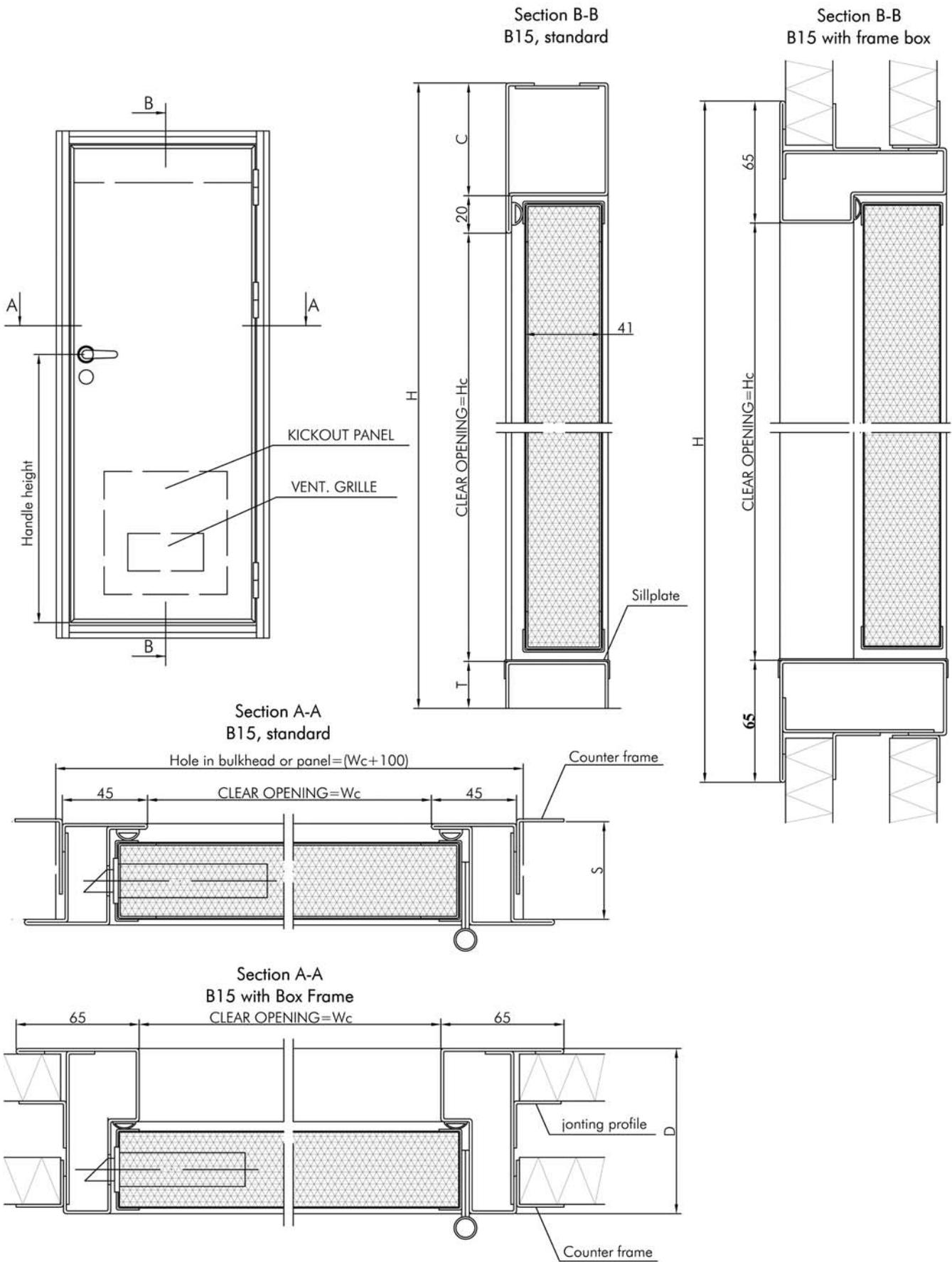
Sill types

Different sill types to fit all types of bottom solutions:

- U-profile on top of deck or bottom profile
- Z-, T- or L-profile on top of panel/coaming
- wetroom solutions

Installation

Doors can be installed in wall panels or steel bulkheads. Also installation in double walls are possible.





A15 hinged doors, basic construction

- 38mm doorleaf made of steel plate with mineral wool core
- steel trimlist fastened with st.st. rivets
- frame made of steel profile
- st.st. hinges, sill plate and striker plate
- reinforcement for doorcloser and magnet
- cut out for lock

Doorleaf Surfaces

- powder painting (A15) or wet painting (A60), standard RAL colour
- PVC, standard dobel
- TNF Magic
- stainless steel, AISI 304 or 316

Sill types

- Different sill types to fit all types of bottom solutions:
- U-, Z- or L-profile

Installation

Doors can be installed in steel bulkhead by welding or bolts



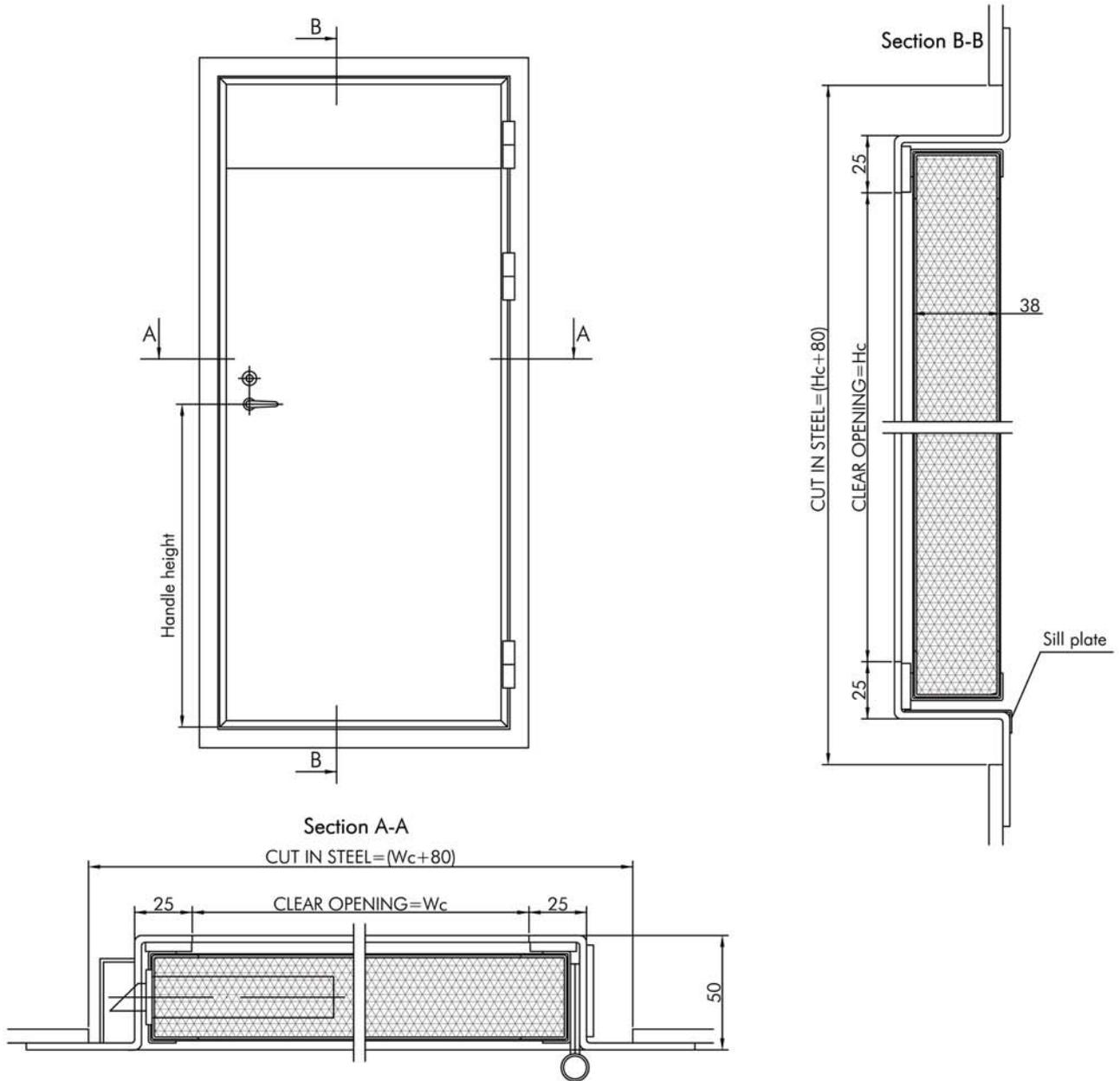
A60 hinged doors, basic construction

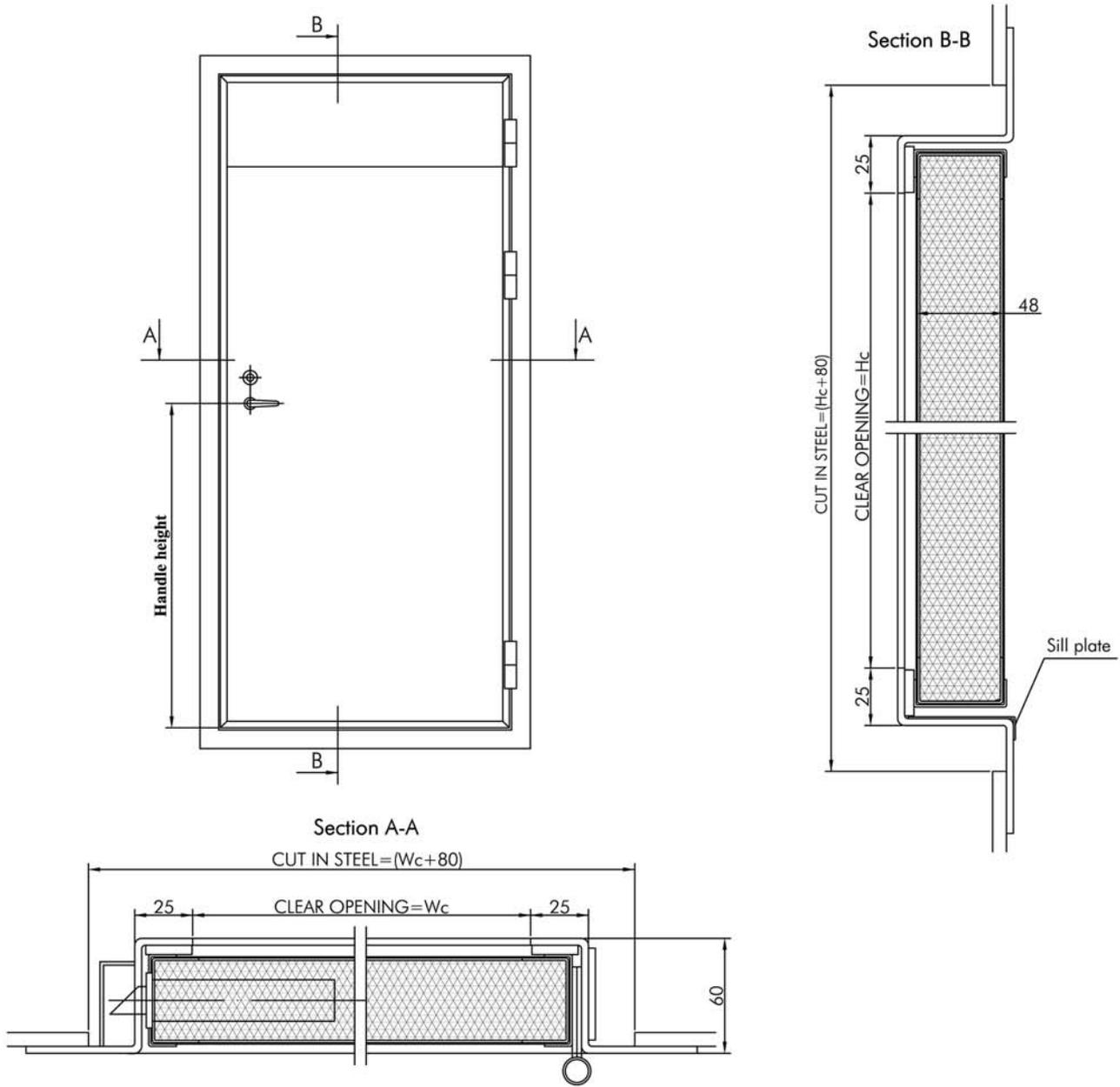
- 48mm doorleaf made of steel plate with mineral wool core
- double doors with two-point latch on in-active doorle with recessed st. st. handle
- steel trimlist fastend with st.st. rivets
- frame made of steel profile
- 3-part hinges with ball bearing and grease nipples
- reinforcement for doorcloser and magnet
- cut out for lock
- double door with 3-point cylinder lock in active doorl

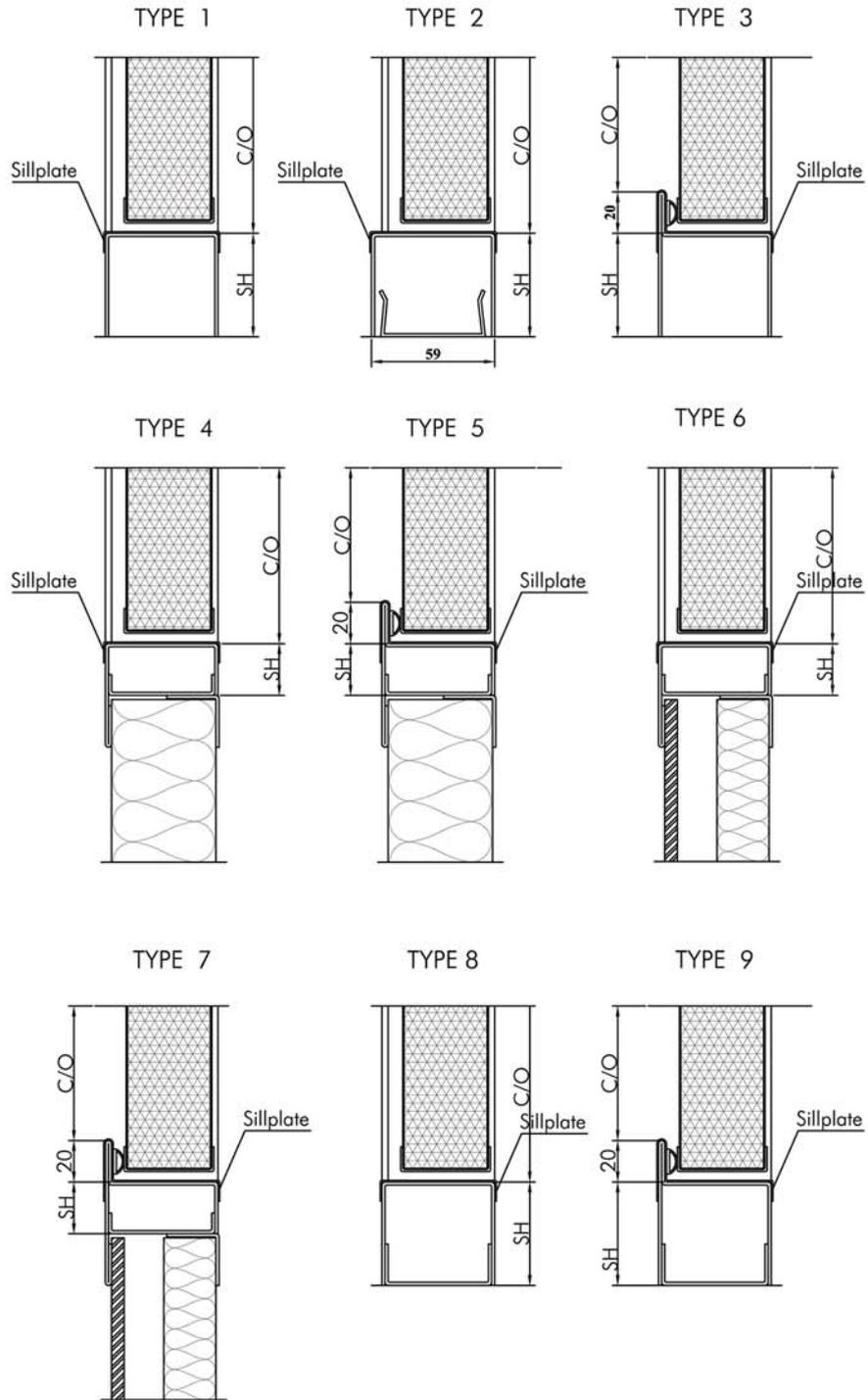
Accessories

The doors can be equipped with:

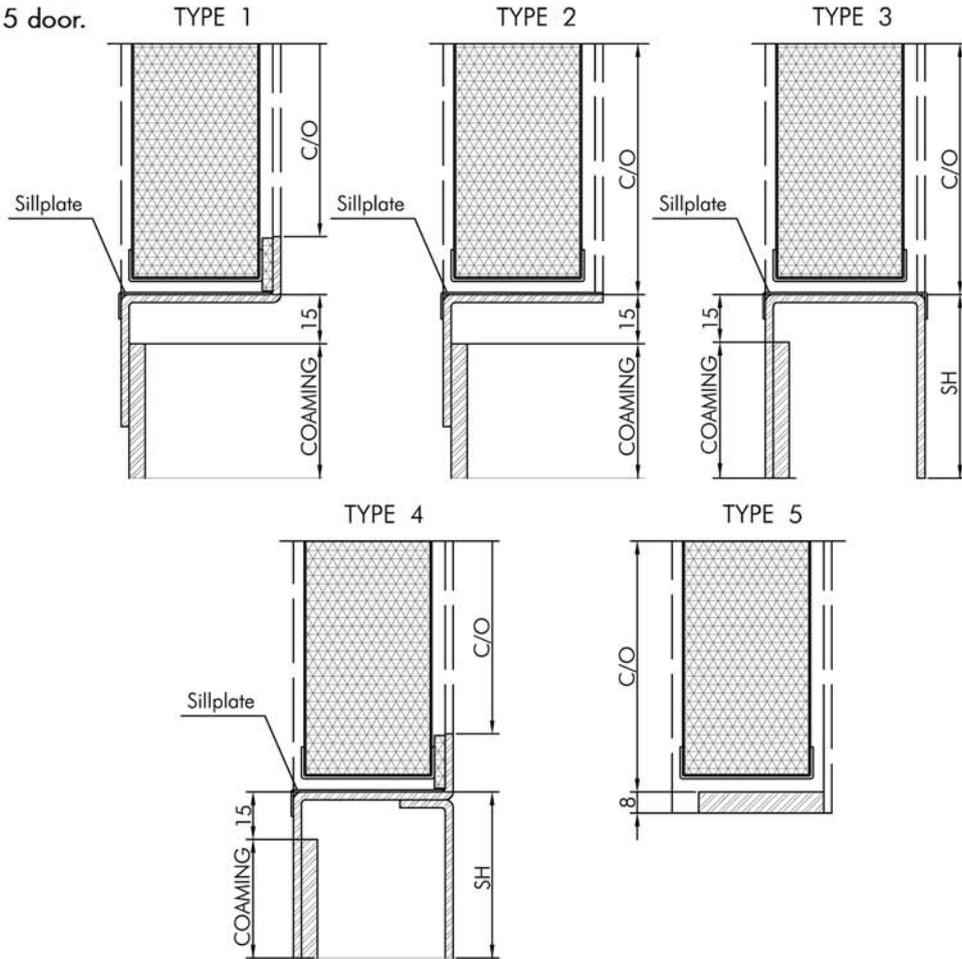
- stainless steel sill plate
- lockcase, handle, escutcheon and cylinder
- door closer
- frame with gasket
- hose port
- elektro magnet, release switches
- indication switch
- panic bar
- build in counter frames



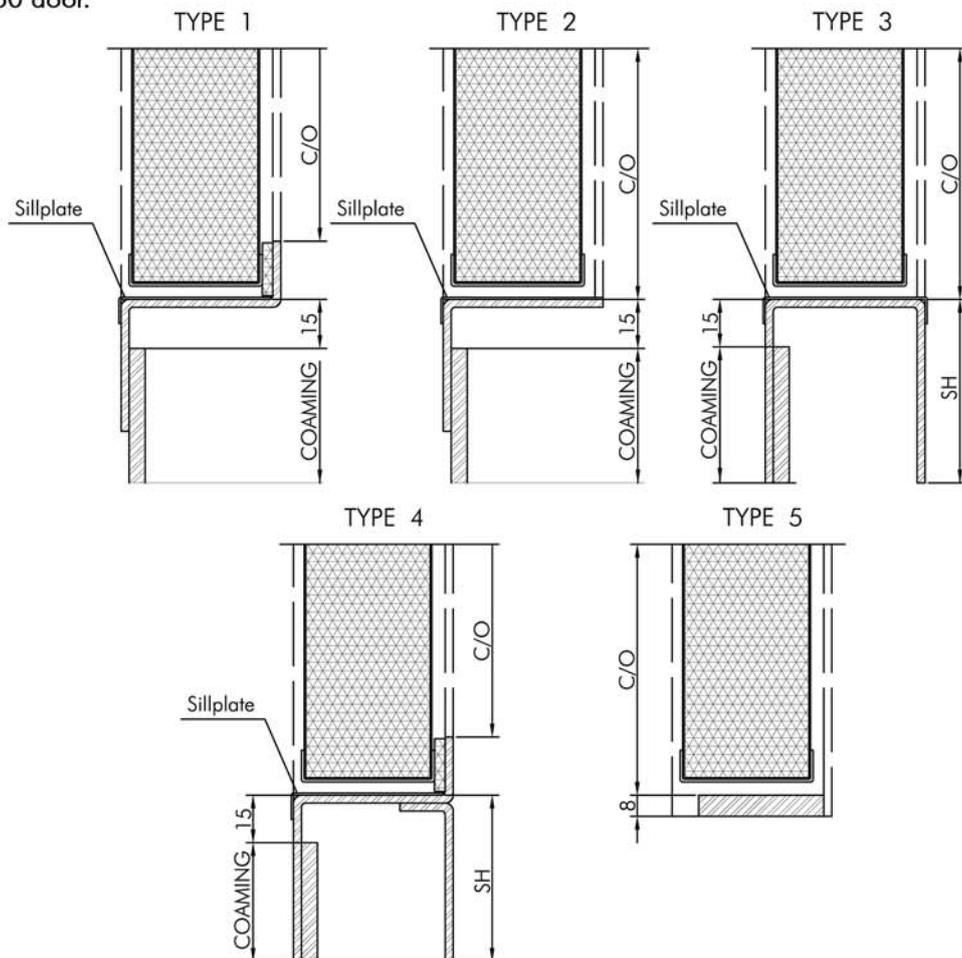


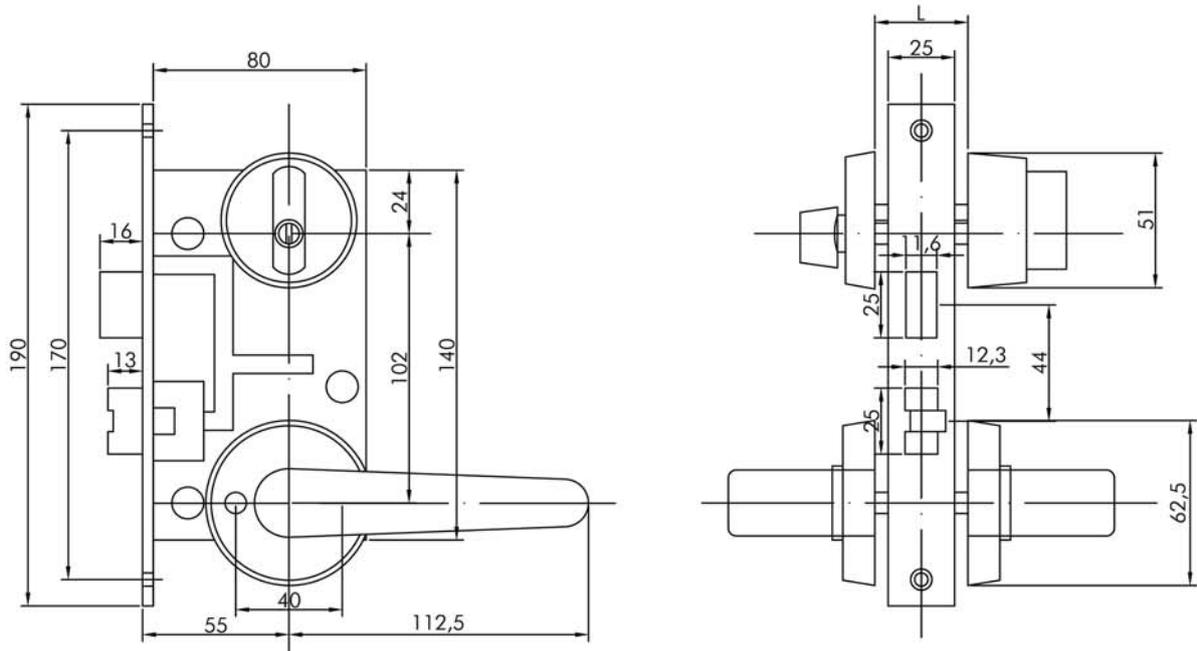


Sill types, A15 door.



Sill types, A60 door.





Cabin lockset C-1

This door lock is suitable for cabin doors and all grade fireproof doors on vessels. It incorporates double bolts, single cylinder and passkey mechanism. The windproof latch bolt is opened by lever handle. And the dead bolt is used for belock and can be opened by thumb turn inside and by key outside. The door can be directly opened with further rotation and is very convenient for use.

It is suitable for doors of 38-42mm thick. (Those suitable for doors of 35-38mm, 42-45mm, 46-55mm belong to enlarged series).



Bathroom lock C-4

This door lock incorporates double bolts and indicator mechanism. The lock may be operated freely by handle at ordinary time. When you turn the thumb turn up 90° from inside, the Red Indicator will appear on the outside knob, then the door can not be opened by the handle except when you use the key.

It is suitable for bathroom doors of 35-45mm thick (Also suitable for doors of 46-55mm).



Caveats: Specifications are subject to change without notice. The data in this document are typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic or mechanical engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek NC is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See www.pyroteknc.com/disclaimer. TNF Marine Fire Doors by INEXA is used with permission by Pyrotek as distributors.

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JAPAN KOREA MALAYSIA SINGAPORE NEW ZEALAND TAIWAN THAILAND TURKEY
UNITED ARAB EMIRATES UNITED KINGDOM UNITED STATES OF AMERICA VIETNAM



CONTACT DETAILS
for further information and contact details,
please visit our website at:
www.pyroteknc.com

