



# Indian Register of Shipping

Place : Mumbai  
Date : 01<sup>st</sup> November 2004  
Certificate No : 2004TAC014

## *Certificate of Approval Of A-60 Fire Class Bulkhead.*

*This is to certify that the fire class "A-60 bulkhead" described below, is approved for use on ships classed or intended to be classed with **Indian Register of Shipping** as complying with the requirements of SOLAS 74, Regulation II-2A/3.3.*

Supplier : *M/s. Rockwool A/S, DK-2640 Hedehusene, Denmark.*  
Type : *"A-60 bulkhead", insulated on bulkhead stiffener Side with 30 (mm) thick "Rockwool Marine Firebatt 130" insulation of density 130 (Kg/m<sup>3</sup>). Two layers of 30(mm) thick insulation applied on bulkhead plating and one layer of 30 (mm) thick and 130 (mm) wide insulation applied on face of bulkhead stiffeners with equal over lap on either side. Gap between stiffener face insulation and bulkhead plate insulation filled with 30 (mm) wide insulation of suitable thickness.*


Test conditions ..... :  
Tested in accordance with : *IMO FTPC, Part 3 (IMO Res. A754 (18)), by the Danish Institute of Fire Technology (DIFT), Hvidovre, Denmark.*

Test bulkhead orientation : *Vertical*  
Application : *Fire against either side of class A-60 bulkhead*  
Insulation mountings : *Mounted with 3(mm) dia. Steel pins and 38(mm) dia Steel clips (washers) at intervals not exceeding 300 (mm).*

Insulation Non-combustibility : *"Rockwool marine firebatt 130" insulation is approved \ to be non-combustible in accordance with IMO Resolution MSC.61 (67), Annex 1, Part 1.*

*The conditions on which the approval is granted are given in the Appendix to this Certificate of Approval.*

*This Approval is valid till 30<sup>th</sup> November 2009.*


  
**S. KUMAR**  
**CHIEF SURVEYOR**

See Overleaf for Conditions of Issue of This Certificate

**APPENDIX TO CERTIFICATE OF APPROVAL**

**Approval Conditions ..... :**

1. *The product or packing is to be marked with the name of the manufacturer and type designation i.e. "A-60 Fire Class Bulkhead"*
2. *The installation of the bulkhead is to be in accordance with the manufacturer's recommendations and to the satisfaction of IRS Surveyors.*
3. *If the manufacturer, during the approval period, alters the composition of a material grade, this is to be reported to IRS and new approval testing may be required for revalidation of certificate.*
4. *This class approval does not constitute approval by the Statutory Authorities.*

  
**S. KUMAR**  
**CHIEF SURVEYOR**