



Indian Register of Shipping

Place : Mumbai
Date : 01st November 2004
Certificate No : 2004TAC015

Certificate of Approval Of A-60 Fire Class Deck.

This is to certify that the fire class "A-60 deck" 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 : **Rockwool A/S, DK-2640 Hedehusene, Denmark.**
Type : **"A-60 deck", insulated on deck stiffener Side with 40 (mm) thick "Rockwool Marine Firebatt 130" insulation of density 130 (Kg/m³). One layer of 40(mm) thick insulation applied on deck plating . One layer of 40 (mm) thick and 150 (mm) wide insulation applied on face of deck stiffeners with equal over lap on either side. Gap between stiffener face insulation and deck plate insulation filled up with 40 (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 : Horizontal
Application : Underside of the deck.
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 30th November 2009.


S. KUMAR
CHIEF SURVEYOR

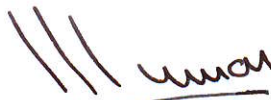
See Overleaf for Conditions of Issue of This Certificate

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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 of the product i.e. "A-60 Fire Class Deck".*
2. *The installation of the deck 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