EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00001D0

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment (MED) as amended by directive (EU) 2015/559. This Certificate is issued by DNV GL SE based on the notification of the German Federal Ministry of Transport, Building and Urban Development.

This is to certify:

That the Surface materials and floor coverings with low flame-spread characteristics: floor coverings
with type designation(s)
PCI Epoxigrund 390
Issued to

PCI Augsburg GmbH

Augsburg, Germany

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18c and Annex B, Module B in the Directive; SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code
Further details of the equipment and conditions for certification are given overleaf.
This Certificate is valid until **2021-08-31**.

Issued at **Hamburg** on **2016-09-01**

DNV GL local station:
Augsburg
Approval Engineer:
Timo Linn

Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudszus
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.
The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

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Product description

"PCI Epoxigrund 390"

The two component Epoxigrund 390 primer comprises an epoxy resin base with hardener for application as floor covering. Immediately after application of the primer to the prepared floor surface, silica sand (0.3 – 0.8mm granules) may be sprinkled up to 1.0kg/m².
Density:
Base 1.1g/cm³
Hardener 1.0g/cm³
Mixing ratio: - base : hardener is 100 : 43 parts by weight
For the tested specimens the primer application was 300g/m² (wet).
PCI Epoxigrund 390 primer fulfilled the surface flammability criteria required by MSC Res.A.653(16) for floor coverings and also for bulkheads, walls and ceilings.

Application/Limitation

Approved for use as low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire.
PCI Epoxigrund 390 primer fulfilled the surface flammability criteria required by MSC Res.A.653(16) for floor coverings and also for bulkheads, walls and ceilings.
Each product is to be supplied with its manual for application and maintenance.

Type Examination documentation

Test Report No. 2011-B-1522/01 dated 28th April 2011 issued by MPA Dresden GmbH, Germany.
GL Ref. No. 11-090319.

Tests carried out

Tested according to IMO 2010 FTP Code Annex 1, Part 5 and Annex 2 item 2.2 and 2.3. in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, MED Mark of Conformity and USCG approval if applicable (see page 1).