

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Non-Combustible Material

with type designation(s)
FIPRO and FIPRO MS

Issued to

Mineralka d.o.o. Cerknica
CERKNICA, Slovenia

is found to comply with

Det Norske Veritas' Interpretation of SOLAS 1974 Convention as Amended
Det Norske Veritas' Offshore Standards
Det Norske Veritas' Rules for Classification of Ships

Application :

The product may be used as an integrated part of approved fire resisting divisions only when tested as such.

This certificate is recognized by Transport Canada.

This Certificate is valid until **2019-06-28**.

Issued at **Høvik** on **2015-06-29**

DNV GL local station: **Pula**

Approval Engineer: **Silje Helene Waagaard**

for **DNV GL**

Petter Langnes
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Job Id: **262.1-011763-3**
Certificate No: **TAF000001D**

Product description

"FIPRO" and "FIPRO MS"
composed of expanded vermiculite panels of density
800 kg/m³ ± 10% for "FIPRO" and
650 kg/m³ ± 10% for "FIPRO MS".

Application/Limitation

Each product is to be supplied with its manual for installation/application, use and maintenance.

Type Approval documentation

Certification in accordance with Standard for Certification Note No. 1.2, Type Approval, January 2013.

Test report nos. P 709/02-530-2 and P 709/02-530-1 both dated 26 June 2002 from ZAG, Slovenian National Building and Civil Engineering Institute, Ljubljana, Slovenia.

Tests carried out

Tested according to IMO FTPC Part 1 and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

The product or packing is to be marked with name of manufacturer and type designation.

Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "*Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)*", DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Standard for certification No. 1.2 Type Approval Item 4.