Certificate No: LR25403224LNG
Issue Date: 04/12/2025
Expiry Date: 03/12/2030

Certificate of General Approval for LNG Containment System Component

This certificate is issued to the company below to certify that the undernoted LNG system components have been examined for conformity with Lloyd's Register's "Rules and Regulations for the Construction and Classification of Ships for the Carriage of Liquefied Gases in Bulk", together with the relevant Gaz Transport & Technigaz (GTT) specifications and has been found to be acceptable.

Manufacturer	**DONGSUNG FINETEC CO., Ltd.**
Address	120, Hyeopdongdanji-gil, Miyang-myeon, Anseong-si, Gyeonggi-do, 17600, South Korea
Product Name	**Finefoam 220R (130kg/m3, 160mm, 6 CSM, CO2 blown)**
Product Type	Reinforced Polyurethane Foam (R-PUF)
Approval Documentation	• KTR Test Report TAK-2025-027331, dated 13 Mar 2025 • KTR Test Report TAK-2024-174988, dated 30 Dec 2024 • MAT-RPT-400446 R02, dated 15 Apr 2025
Reference Documentation	Reinforced Polyurethane Foam (R-PUF) GTT Specification No. M3007, Rev. 03 (November 2015)
Application	The product listed above can be used as indicated on approved drawings for vessels classed with Lloyd's Register in the GTT Mark III membrane LNG containment system. The final agreement for the use of this material for a specific ship project will be subject to the successful completion of the finite element analysis. If either the GTT reference documentation mentioned above is altered to a later version, or if the products listed above undergo changes in design or composition, this certificate becomes invalid.

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Dariusz Boryszewski
Ship Structure - Lead Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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