4510 Insulation

# NB518:

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| Question | Answers |
| 4000 Interrior | * Design: 4510 Insulation; |
| Are you satisfied with the technical output and choises of the system? | * Design: Yes |
| Rules requirements : Easy/hard? Everything fulfilled? Issues with class worth mentioning? | * Design: It's a bit unclear if A-15 fire insulation needs overlaps. In 518 the shipowner wanted to have overlaps around pipes (penetrating A-15 bulkhead). |
| Material (purchase, logistics, budget) : Your experience and feedback? | * Design: Budget was exceeded, material prices had risen a lot from 516 (from year 2021) |
| Drawings (schedule, comments received, changes..) : Lessons learned? | * Design: When insulation contractor suggest's changes in drawing (scheme of insulation), it's important to check the cost effect for shipyard. |
| Communication (internal and external), Co-operation with different parties (In own team, other design teams, subcontractors, production, suppliers, TK.. ) | * Design: Co-operation was good between contractor, production insulation foreman and design. |
| Comparison to NB516-517 - did we learn? | * Design: No difference |
| Other comments? | * Design: Pins for insulation were installed too late - was planned to be installed in block factory, but quite much was installed in blocks or onboard after painting. |