

Container carrier Quantifying the benefits of applying in erection stage



Container carrier Total cost of ownership and payback period



| | | | | | Comparing the scenarios | | | |
|-----------|----------------------------------|--|--|---|-------------------------------------|--|--|---|
| | | Appli Hempaguard NB (Erection Stage) | cation scenarios Hempaguard X7 (Post-Delivery Docking) | Hempaguard X7 (Pre-Delivery Docking) | SPC*** | Hempaguard NB vs SPC*** (Erection Stage) | Hempaguard X7 vs SPC*** (Post-Delivery Docking) | Hempaguard X7 vs SPC*** (Pre-Delivery Docking) |
| Paint | Paint Purchase Cost | \$800,000 | \$800,000 | \$800,000 | \$280,000 | \$520,000 | \$520,000 | \$520,000 |
| Cost | Paint Application & Washing Cost | \$180,000 | \$190,000 | \$185,000 | \$0 | \$180,000 | \$190,000 | \$185,000 |
| NB Yard C | General S/Y Cost | \$0 | \$70,000 | \$70,000 | \$0 | \$0 | \$70,000 | \$70,000 |
| ž | Potential Mark-up Cost | \$0 | \$50,000 - \$100,000* | \$500,000 - \$1,000,000** | \$0 | \$0 | \$50,000 - \$100,000* | \$500,000 - \$1,000,000** |
| | Diver Cost | \$0 | \$0 | \$0 | \$11,500 | | | |
| Cleanings | Extra Costs Next DD | \$0 | \$0 | \$0 | \$18,000 | (\$11,500) | (\$11,500) | (\$11,500) |
| Cles | Additional Fuel Consumption | \$0 | \$0 | \$0 | \$220,000 | (\$18,000) | (\$18,000) | (\$18,000) |
| Fuel | Total Cost of Fuel | \$41,000,000 | \$41,000,000 | \$41,000,000 | \$45,400,000 | (\$220,000) | (\$220,000) | (\$220,000) |
| Ē | | ф11,000,000 | φ11,000,000 | ф н,000,000 | | (\$4,400,000) | (\$4,400,000) | (\$4,400,000) |
| тсо | Total Cost of Ownership | \$41,980,000 | \$42,110,000 - \$42,160,000 | \$42,555,000 - \$43,055,000 | \$45,929,500 | (\$3,949,500) | \$(3,819,500) - \$(3,769,500) | \$(3,374,500)- \$(2,874,500) |
| | | | | | Total Savings \$ | \$3,949,500 | \$3,819,500- \$3,769,500 | \$3,374,000- \$2,874,500 |
| | | | | | Expected Payback Period (Months) | 14 | 17-18 | 25-35 |

Assumptions: Container Vessel Type ~13,000 TEU, Consumption: 45t/day, Speed: 14 knots, Fuel Price: \$650/t

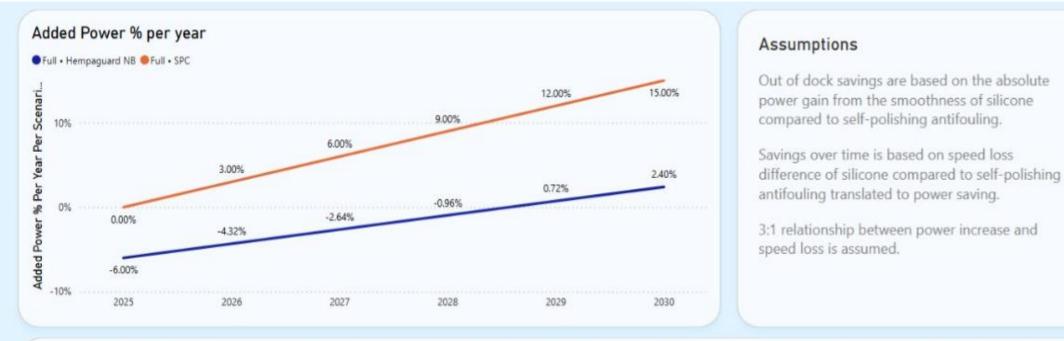
* Sea Trial cost for 3rd party management and fuel consumption

** Potential Mark–up S/Y Cost depends on the s/y location and has to do only for pre-delivery docking

• *** SPC Product with 2.5% speed loss for 5-years



Container carrier Hull coating upgrade: Expected efficiency improvement



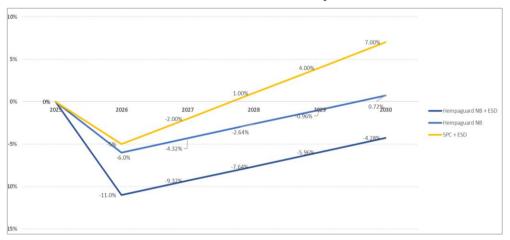
| Paint System Description | Seamflow | Out of Dock Power Gain % | Surface Preparation % | Speed Loss % | Out of dock & Surface Preparation Diff% | Overtime Power Savings % | Total Fuel Savings % |
|--------------------------|----------|-----------------------------|-----------------------|--------------|--|-----------------------------|-------------------------|
| Full • Hempaguard NB | | 6.00 | 0.00 | 1.40 | 6.00 | 3.30 | 9.30 |
| Full • SPC | | 0.00 | 0.00 | 2.50 | 0.00 | 0.00 | 0.00 |



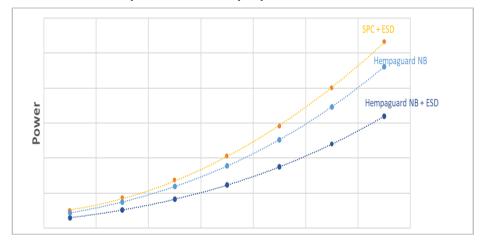


Container carrier **Increase vessel performance according to CII/EEDI**





CII difference from reference year



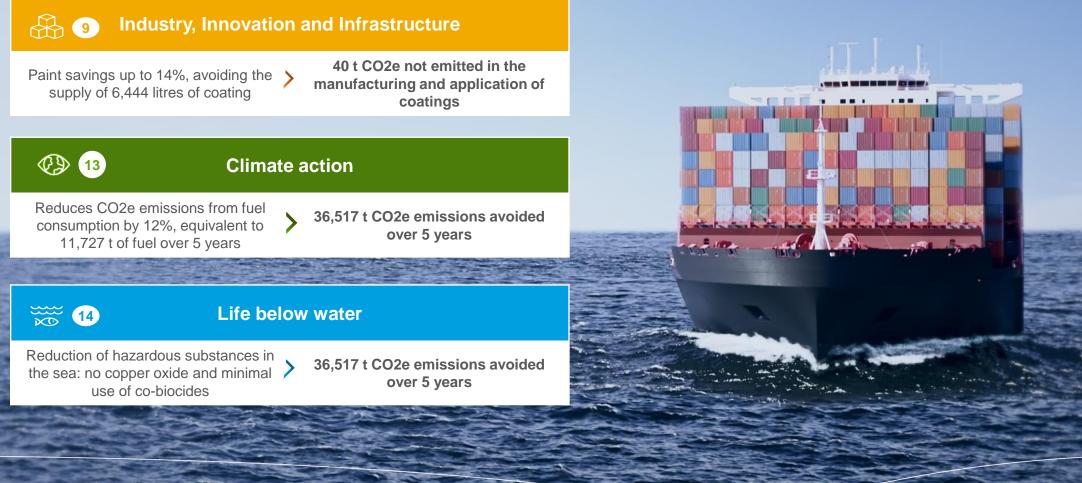
Impact on Vref for purpose of EEDI

| Coating system | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|------------------------|-------|----------|----------|----------|----------|----------|
| Hempaguard NB + ESD | 5 (C) | 4.45 (B) | 4.53 (C) | 4.62 (C) | 4.70 (D) | 4.79 (D) |
| Hempaguard NB | 5 (C) | 4.70 (C) | 4.78 (C) | 4.87 (D) | 4.95 (D) | 5.04 (E) |
| SPC + ESD | 5 (C) | 4.75 (C) | 4.90 (C) | 5.05 (D) | 5.20 (E) | 5.35 (E) |



Reducing emissions for your newbuild container

Comparing Hempaguard to traditional SPCs



Assumptions: Vessel ID: Container 14KTEU Flat bottom m2: 10,000 / Vertical bottom m2: 15,000

