

Wind Farm Support Vessels

Shipyard: Withheld, United Kingdom

Coating Used: Sound Control-dB

WFSV (wind farm support vessels) are like offshore support vessels in that they are being used as a taxi for maintenance crews to service offshore wind farms. To protect those working and riding on board these vessels, noise and vibration reduction is an extremely important issue that every vessel must address. This is not only for the comfort of the crew but more importantly their safety. Loud noises over time can cause hearing loss, a major issue identified by various governing bodies for those working on marine vessels.



Since the windmill farms are situated in areas prone to strong, consistent breezes, the high-speed boats traveling through these areas are subject to high winds and rough seas. This can cause the interiors of ships to become incredibly noisy, making it unsafe and uncomfortable for anyone on board. Always trying to stay ahead of their competition, the client wanted to find a solution for this issue.

They found a resolution with Mascoat Sound Control-dB Coating which has been proven on offshore vessels since the late 1990's to reduce vibrations and therefore noise. The thin, lightweight coating is easily applied to irregular surfaces found throughout ships of all kinds and doesn't debond over time like glued tiles are prone to doing. The shipbuilder chose to apply the coating to the interior of the hull, as that surface is especially susceptible to wave slap. After the first ship was sea-trialed, the client reported that the product has effectively solved their problem.

Since beginning to use the coating, the company reported that all boats coming out of their yard are safer and more comfortable for all those on board.