

MasterFlux[®] 1500

**Ultra-high strength offshore
grout for monopile foundations
and OSS structures**



MasterFlux[®] 1500

Ultra-high strength offshore grout

MasterFlux 1500 is a cementitious grout material, that when mixed with water yields a flowable and pumpable grout with high early and final strength and elastic modulus. The material also exhibits excellent fatigue behavior providing long term resistance against dynamic loading. Furthermore, the grout reveals superior technical performance, long workability time and excellent rheological behavior without the risk of segregation when pumped in water, all highly specific for use in offshore grouting works.

MasterFlux 1500 advantages

Large temperature range and extended workability

For applications between 0°C and +40°C, with extended workability of ≥ 3 h allowing installation in all weather conditions.



High early and final strength

C100 strength class with 24h strength considerably above 50% of the ultimate strength. 1-day ≥ 70 MPa.



Fast, cost saving installation

Early strength gain allowing installation in shortest weather windows while ensuring rapid wind farm construction.



High fatigue resistant

Absorbing all dynamic loads, ensuring durability and longterm maintenance free operation. Proven fatigue resistance acc. MC2010.



Secure installation

Installation by experienced Approved Grouting Contractors, trained and validated by Master Builders Solutions.



Proven high quality

Independently tested at MPA Hannover and Applus, in accordance with DNV and Z.i.E. guidelines.



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