

MasterFlux[®] 1100

**High strength grout for onshore
steel and concrete towers**



MasterFlux[®] II00

The universal grout for onshore wind structures

MasterFlux II00 is a cement-based material, that when mixed with water yields a flowable and pumpable high strength grout. The grout is typically used to underfill the tower flanges of steel turbines requiring a C80 class material. Furthermore, the material is used to connect the concrete and steel segments in hybrid towers. Concrete towers which need joint filling between concrete segments of the wind structure can also be grouted with MasterFlux II00. The material reveals excellent rheological behavior and long workability allowing installation in all weather conditions, hot or cold.

MasterFlux II00 advantages

Large temperature range and extended workability

For applications as low as 0°C and as high as +40°C, with workability retention of ≥ 3 h even at high temperatures.



High strength grout

C80/95 strength class acc. EN206 with the 24 h strength already above 50 MPa and at min. 50% of the ultimate strength.



Fast, cost saving installation

Early strength gain and installation in all weather for rapid turbine erection. Only 1 product needed on jobsite for multiple applications.



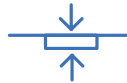
Fatigue resistant

Resistant to dynamic loads, ensuring durability and maintenance free operation. Proven fatigue resistance acc. model code 2010.



Volume stable – High thickness

Shrinkage compensated for volume stability. Can be installed at thicknesses as low as 10 mm or up to 400 mm.



Lower CO₂ footprint

Latest inhouse plasticizing technology allowing the use of lower binder content as in typical grouts, while ensuring better grout performance.



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