SIKAGROUT® 3350

ULTRA-HIGH STRENGTH, FATIGUE CERTIFIED GROUT FOR WIND FARMS

BUILDING TRUST

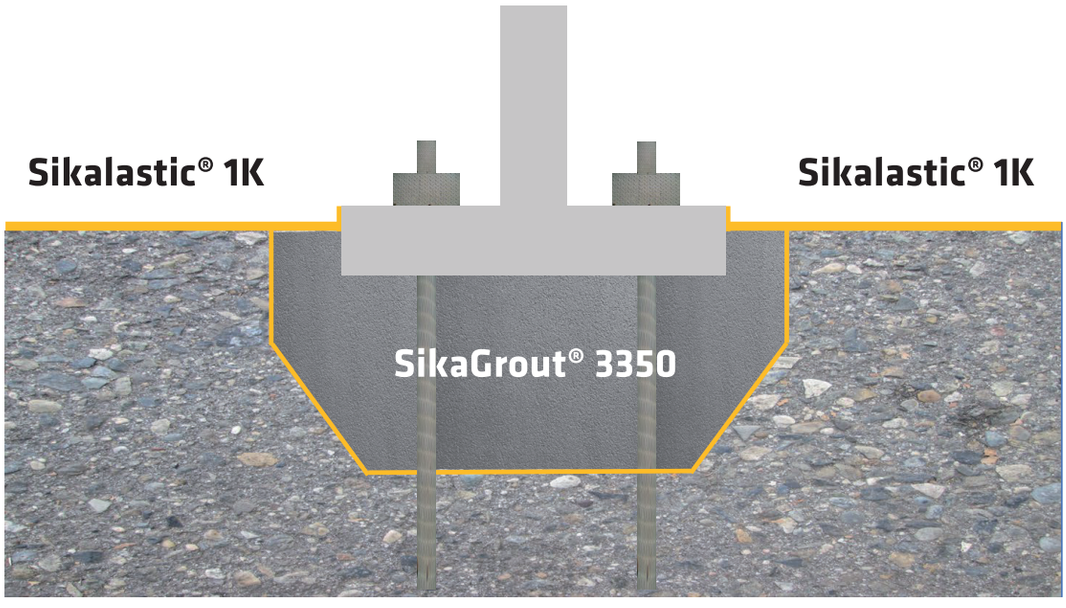
SIKAGROUT® 3350 VESTAS APPROVED, HIGH PERFORMANCE WIND GROUT

“VERY HIGH 24H COMPRESSIVE STRENGTH ALLOWS FASTER TOWER ERECTION AND COST SAVINGS”

Fast erection and commissioning of wind turbines translates into lower LCOE (Levelized cost of energy). Designed specifically for wind farm applications, SikaGrout® 3350 achieves more than 65 MPa compressive strength after 24 hours. This allows the next segment to be installated faster, potentially reducing the installation cost and general machinery rental.

“>85% EBA TO ASSURE HOMOGENEOUS LOAD DISTRIBUTION AND TRANSFER TO THE FOUNDATION”

Wind force, blade rotation and WTG generate extreme bending moments at the end of the tower segment. All these forces must be transmitted to the foundation. The grouting material must accommodate and equally transfer the load, which requires an even distribution of effective bearing area existing between transition flange and host concrete.



Confined grout pocket

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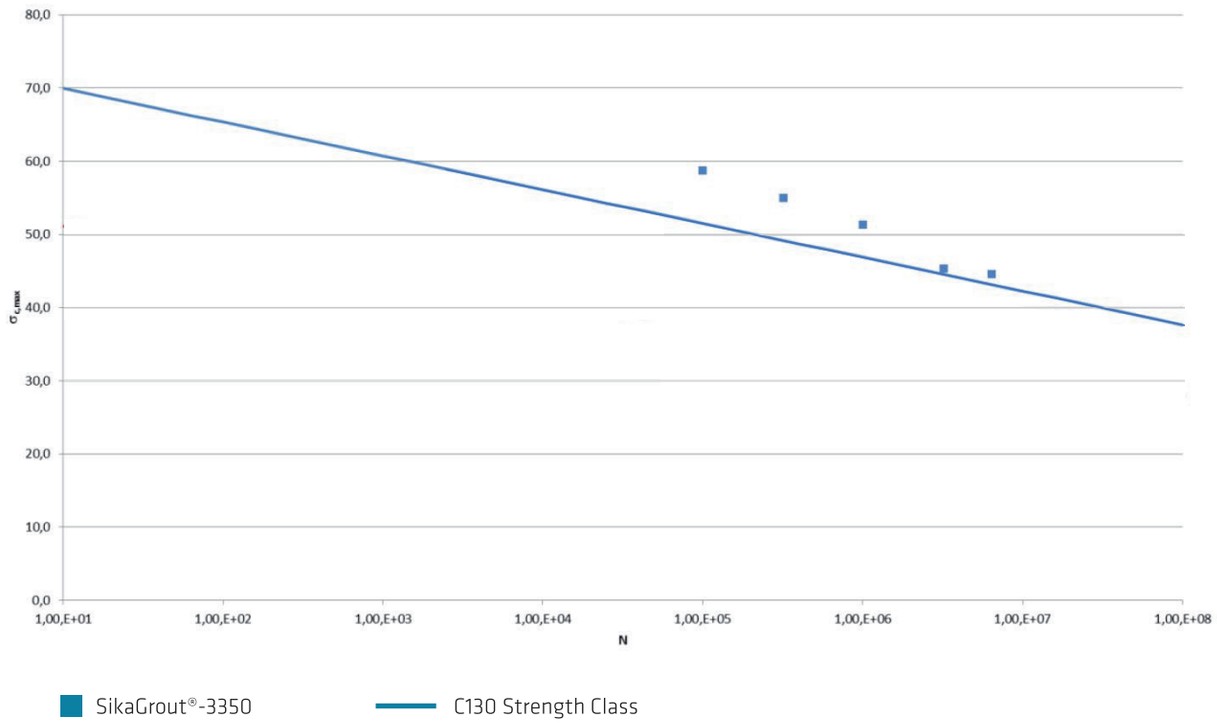
"EXCELLENT FATIGUE RESISTANCE FOR MOST DEMANDING DYNAMIC LOADS"

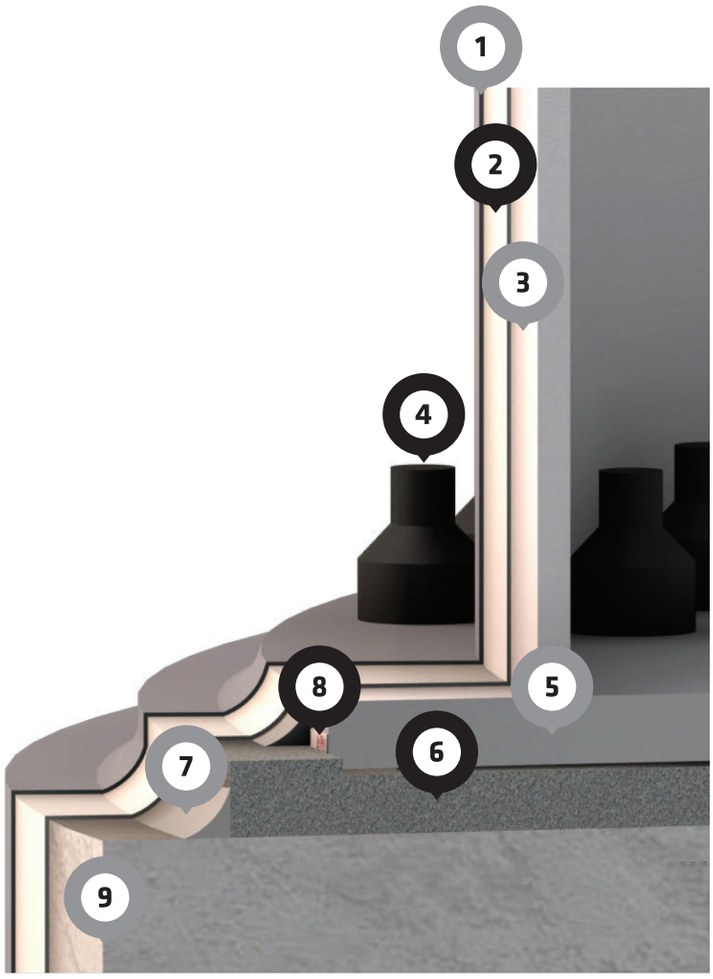
Tested according fib Model Code 2010, SikaGrout® 3350 shows outstanding results at 10 million cycles. According to the same guideline it is classified C120 strength class. Fatigue test report is certified by an approved third party authority, Applus, and available upon request.



"FULL SYSTEM AVAILABLE FOR **STEEL, CONCRETE AND HYBRID TOWER** TECHNOLOGY"

"SUITABLE FOR **EXPOSED AND CONFINED** GROUT POCKET DESIGN"

1	Sikalastic® -622 Excel Top PLUS
2	Sikalastic®-488 (au)
3	Sikalastic® Moisture Seal
4	Bolts
5	Flange
6	SikaGrout®-3350
7	Sikaflex® PRO
8	SikaTack® Panel Tape
9	Foundation



NOTE: this system is only representative. To be modified to ensure suitability for specific application and requirement by an engineer/design specialist.

FEATURE	BENEFIT
> 65 MPa compressive strength @24hours	Anchor bolts can be prestressed faster, higher segments installed earlier
> 120 MPa compressive strength @ 28 days	Accommodates higher turbine loads and heights
High strength development under extreme conditions	Grouting during summer and winter times
High flow characteristics	Flows longer distances under the flange
Long pot life	Avoid cold joints and equipment blockage
Available in different packages	Suitable for large and small projects
Certified approved contractors training	Experienced application and quality control of SikaGrout® 3350
Up to 500 mm layer thickness	Suitable for larger grouting pockets