









The industry

As progress is made towards sustainability, wind power is playing a vital role in providing green energy. We support the main manufacturing, service, and maintenance companies in the wind industry, providing technical support from leading brands in the industry throughout the life cycle of the wind turbine.

This allows our customers to save from an optimised supply chain with more than 20 years of technical experience that ranges from the most demanding lubrication applications to the repair of turbine blades due to severe weather and bird strikes.

We offer optimal bonding and lubrication solutions to enable efficient wind farm operation.



Our brands



Epoxies and methacrylates

Excellent adhesion to metals, plastics and composites

High strength and stiffness.

Excellent chemical resistance.

Good temperature resistance.

Mechanical properties from rigid to flexible.

Cure times from short to long.



Silicone adhesives and sealants

Excellent weather resistance against ozone, acid rain, ultraviolet rays, high temperatures, among others.

Excellent thermal stability at very high and very low temperatures.

High mechanical resistance.

Chemical stability: High resistance to aggressive environments.

Low flammability: In case of fire, silicones are very resistant to combustion

MOLYKOTE Pastes, Oils and Fats

Excellent corrosion resistance.

Wide range of viscosities.

Good chemical resistance.

Excellent temperature range.

Rust prevention.



Excellent anti-corrosive properties.

Good behavior to salt spray and humidity chamber.

Product with the ability to displace water.

High capillarity.



Nacelle

Main applications

Generally constructed of metal and composite materials, the nacelle protects internal components from diverse external conditions. Internal components of turbine nacelles, such as the bearings and drive train, must be properly lubricated and sealed to ensure efficient operations and reduce the risk of unexpected operational problems.









Good durable and resistant sealing of all joints. DOWSIL 7093 in cartridge or sausage.



Tecty TM

Protection of screws and components for export threaded connections

TECTYL 506 TECTYL 506 EH TECTYL 127 CGW
MULTUPURPOSE AMBER

MOLYKOTE°

4 Threaded connections

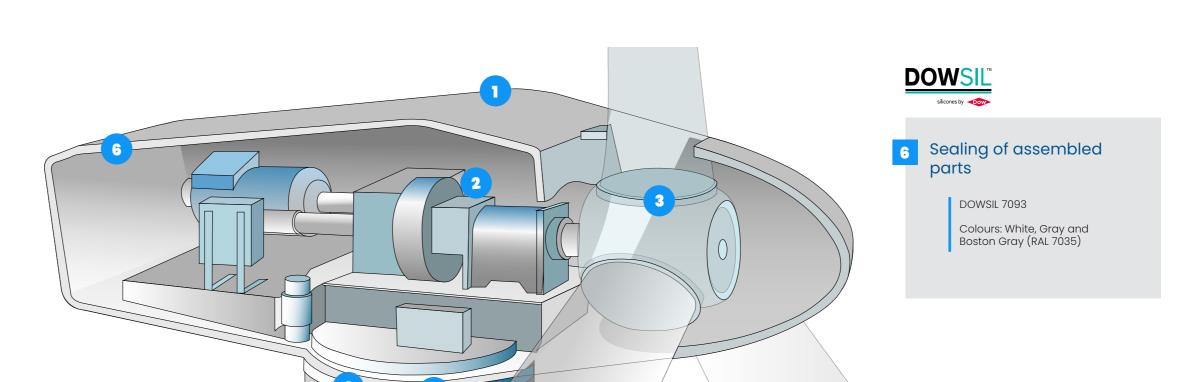
MOLYKOTE TP-42
MOLYKOTE 1000

MOLYKOTE D-321 R MOLYKOTE P-74 5 Crown

Longterm 2+ Longterm W2









Rotor

Main applications

Ensuring proper rotor performance is essential to achieving optimal turbine efficiency. Due to the demanding task of the turbine rotor, providing adequate lubrication allows performance at high temperatures and for long periods of time, reducing the risk of failures and unexpected downtime.

In addition to lubrication, the right adhesives can optimise the bonding and sealing of the outer casing, allowing a durable construction.





MOLYKOTE°

Blade bearing lubrication

MOLYKOTE Longterm 2+ MOLYKOTE Longterm W2

Threaded connections

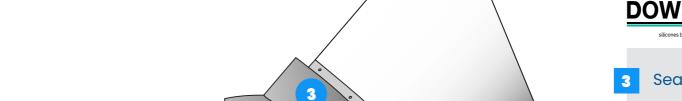
MOLYKOTE G-rapid + MOLYKOTE TP-42 MOLYKOTE P-74 MOLYKOTE 1000

MOLYKOTE D-321 R





Long periods of re-lubrication in ring gear with MOLYKOTE Longterm 2 Plus+.





Sealing of assembled parts

DOWSIL 7091 DOWSIL 7093 *Ambos en color **Boston Grey**



Screw protection

TECTYL 506

TECTYL 502 C TECTYL 127 CGW

TECTYL EH

TECTYL MULTUPURPOSE AMBER



Blades

Main applications

Blade manufacturers use structural adhesives to bond lightweight and strong composites.

In addition to providing benefits in manufacturing, the right repair technologies help maintenance teams perform more efficient repairs on wind turbine blades, reducing downtime and ensuring the long-term performance of repaired components.







1 Filling of gaps and trailing edges

ARALDITE 2031-1

Bonding of sensors and current conductors

ARALDITE 2051

ARALDITE 2015-1

3 Shovel repair, fixing of inserts and added elements

ARALDITE 2023 (10-30-60 min)

ARALDITE 2021-1 / ARALDITE 2022-1

ARALDITE 2050 / ARALDITE 2051

4 Shell bonding and repair

ARALDITE 2023 (10-30-60 min)

ARALDITE 2021-1 / ARALDITE 2022-1

Tooling with high temperature resistance

ARALDITE 2019

6 Roo

ARALDITE 2031-1





Epoxy and methacrylate adhesives for blade repair and manufacturing.

MOLYKOTE

7 Blade bearing lubrication

MOLYKOTE Longterm 2+

MOLYKOTE Longterm W2

8 Threaded connections

MOLYKOTE G-rapid +

MOLYKOTE TP-42

MOLYKOTE 1000

MOLYKOTE D-321 R

MOLYKOTE P-74



9 Maintenance and repair

TECTYL MULTIPURPOSE AMBER
TECTYL 127 CGW

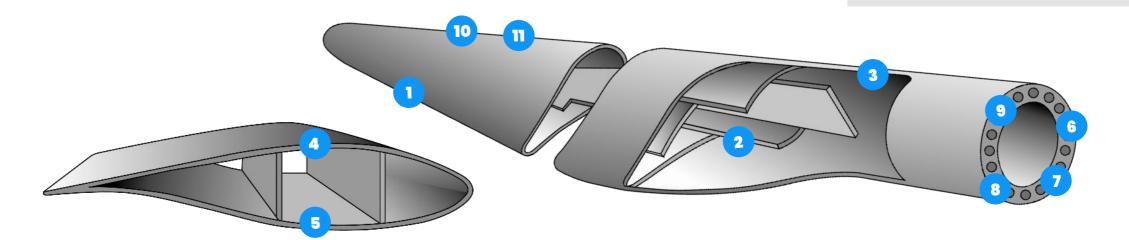


Leading edge protection bonding

ANTALA SE 2040

Bonding of added elements: vortex, serrations, etc.

DOWSIL 7091 Boston Grey





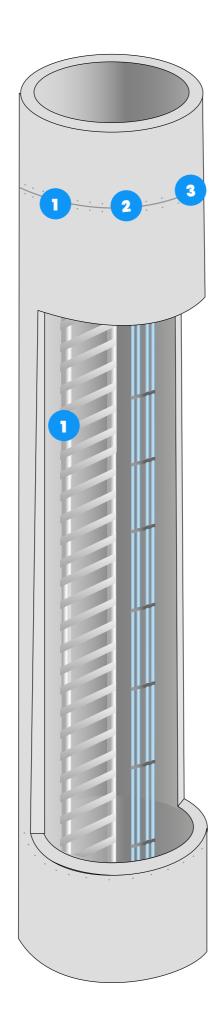
Tower

Main applications

Adhesives can be used throughout tower construction to bond and seal any metal or composite joints and/ or support any traditional fastening methods such as riveting and welding. In addition to providing additional structural integrity to the turbine tower, sealants also protect internal components from external conditions such as moisture, chemicals, and erosion.







Tectyl™



TECTYL 506/EH is a multipurpose, fluidised, waxbased anti-corrosive compound, widely used for the protection of bolts in central installation.



Screws

TECTYL 506
TECTYL 502 C

TECTYL EH
TECTYL 127 CGW

TECTYL MULTUPURPOSE AMBER



2 Threaded connections

DOWSIL 7091 DOWSIL 7093 Ambos disponibles en color Boston Grey

MOLYKOTE°

joint sealing

MOLYKOTE D-321-R
MOLYKOTE 1000

3402-C LF







