Covestro Anti-Soiling coating for solar glass.
Boost the IRR of your PV Solar project.
Module glass treated with our Anti-Soiling coating soils less quickly and is easier to clean. The modules can maintain their optimal performance for longer, with fewer cleaning cycles and less labor and consumables needed to clean the installations. Our coating brings direct performance improvements and indirect maintenance savings, boosting the Internal Rate of Return (IRR) of solar projects in dry environments. *Same sun. More power.*

**Benefits**

- Significantly better anti-soiling properties compared to our AR-coated or uncoated glass: <0.1% transmission loss after executing the Covestro Taber soiling test.
- Excellent anti-reflective properties: Average transmission gain is ~3%, which is comparable to our Covestro Anti-Reflective coating.
- Strong performance in various durability tests (acc.to IEC 61215), comparable to our Covestro Anti-Reflective coating.
- Fewer cleaning cycles.
- Easier and faster cleaning, reduced use of consumables.
- Lower residual soiling level after cleaning.
- Excellent UV resistance, essential in areas with high sun loads.
- Applied at the glass producer, similarly to our Covestro Anti-Reflective coating.

**Increased energy yield and gain**

![Graph showing increased energy yield and gain](image)

**Less soiling (Taber soiling test)**

![Graph showing less soiling](image)

We tested sets of panels coated with Covestro Anti-Reflective coating or Covestro Anti-Soiling coating at the TÜV SÜD test site in Dunhuang, China. At this test site the Covestro Anti-Soiling coating outperformed the Anti-Reflective coating each month by ~1.1% on average.