

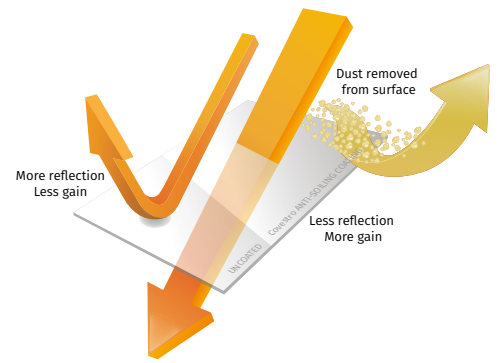


Covestro Anti-Soiling coating for solar glass.

Boost the IRR of your PV Solar project.



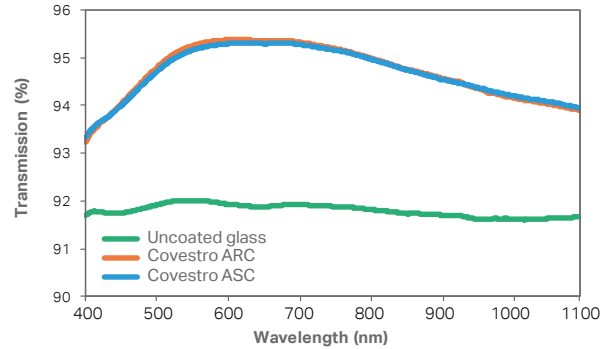
Module glass treated with our **Anti-Soiling coating soils** less quickly and is easier to clean. The modules can maintain their optimal performance for longer, with fewer cleaning cycles and less labor and consumables needed to clean the installations. Our coating brings direct performance improvements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



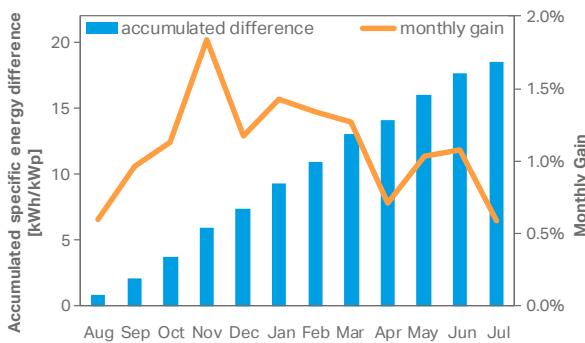
Benefits

- 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.

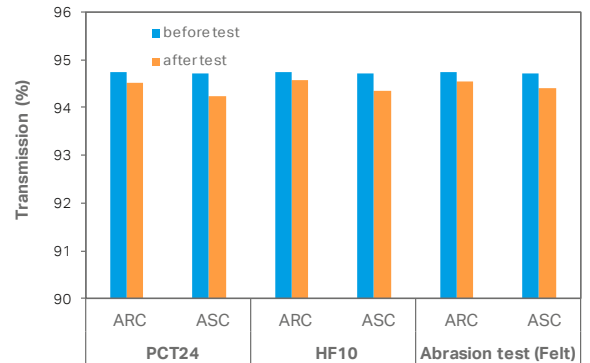
Excellent anti-reflective properties



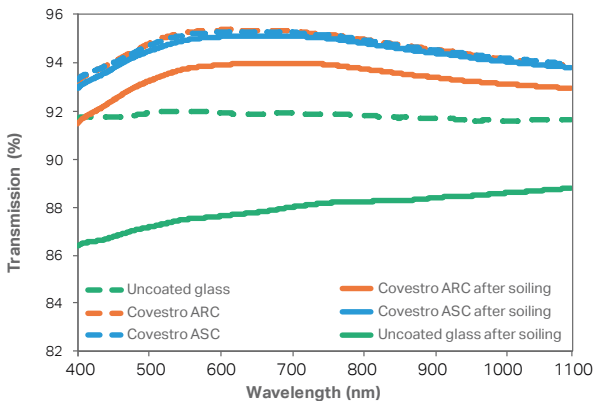
Increased energy yield and gain



Strong performance in durability tests



Less soiling (Taber soiling test)



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.

The manner in which you use our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, is beyond our control. Therefore, it is imperative that you test our products to determine suitability for your processing and intended uses. Your analysis must at least include testing to determine suitability from a technical, health, safety, and environmental and regulatory standpoint. Such testing has not necessarily been done by Covestro, and Covestro has not obtained any approvals or licenses for a particular use or application of the product, unless explicitly stated otherwise. If the intended use of the product is for the manufacture of a pharmaceutical/medical product, medical device¹ or of pre-cursor products for medical devices or for other specifically regulated applications which lead or may lead to a regulatory obligation of Covestro, Covestro must explicitly agree to such application before the sale. Any samples provided by Covestro are for testing purposes only and not for commercial use. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information, including technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed by you that you assume and hereby expressly release and indemnify us and hold us harmless from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent. These values are typical values only. Unless explicitly agreed in written form, they do not constitute a binding material specification or warranted values.

¹Please see the "Guidance on Use of Covestro Products in a Medical Application" document. Edition: August 2021 · Printed in Germany



Covestro Deutschland AG
Kaiser-Wilhelm-Allee 60
51373 Leverkusen
Germany

www.covestro.com