

# Covestro Neutral Anti-Reflective coating.

Power and beauty.

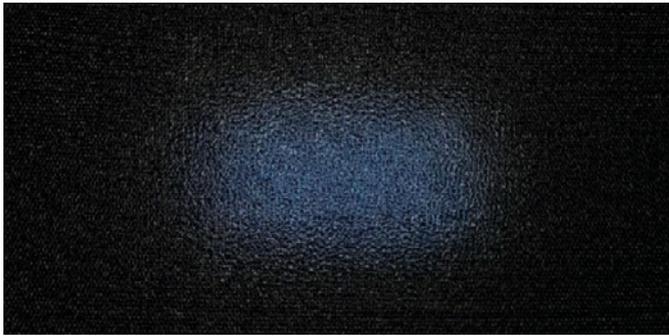


What if you could ensure beautiful black PV panels with a coating that increases power up to 3%? Well now you can. Standard anti-reflective coatings can change the color and appearance of premium panels. But Covestro **Neutral Anti-Reflective coating** makes solar panels look exactly as they were designed to in full sunlight: a true black color with no reflection - and more power.

**Same sun. More power.™**

### For pure black panel design

People that care about aesthetics will love solar panels covered with our Neutral Anti-Reflective coating – though they may not even realize it's there.



### Conventional Anti-Reflective coating

Solar glass coated with conventional anti-reflective coating has an unattractive blueish reflection color.



### Neutral Anti-Reflective coating

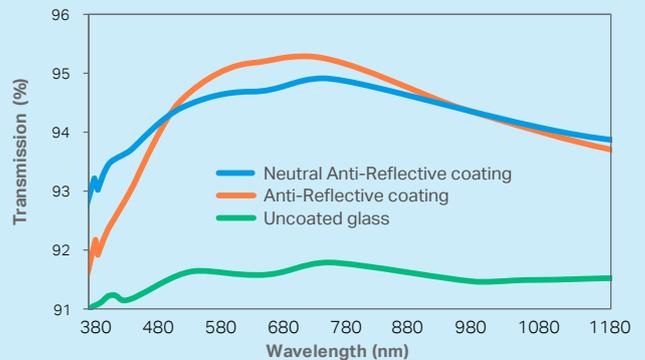
Solar glass coated with Covestro Neutral Anti-Reflective coating has a more natural appearance with no unwanted blueish color. As a result, the modules look far more like an integral part of the roof.

### Reliable performance

Based on our proprietary core shell technology, this coating delivers similar performance in terms of power output and durability to our industry-leading Anti-Reflective coating; and it passes all relevant IEC 61215 tests like Damp Heat, Humidity Freeze and the Thermal Cycling. It's a coating you can trust.

### Power enhancing coating technologies

Standard anti-reflective coatings have a peak transmission point at a particular wavelength. However, with our **Neutral Anti-Reflective coating** light transmission is more even across all wavelengths. As a result, the "reflected" light is perceived as being neutral by the human eye - just like natural daylight, without compromising the performance. The coating still ensures that the cell receives more energy from the sun, resulting in a power gain against uncoated glass of around 3% as measured in a flash test (comparable to our original Anti-Reflective coating).



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 device<sup>1</sup> 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.

<sup>1</sup>Please see the "Guidance on Use of Covestro Products in a Medical Application" document.  
Edition: July 2021 · Printed in Germany



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

[www.covestro.com](http://www.covestro.com)