

TECNAN – Advanced functional coatings

Hydrophobic and photocatalytic coatings are able to reduce pollutants and improve indoor and outdoor air quality due to their self-cleaning, hydrophobic and photocatalytic properties. This functional coating with advanced properties is transparent to eye - overcoming limitation of current commercial self-cleaning coatings - and ensures the product activity against NO_x, SO_x, VOCs, etc. even in the visible range, conversely to what happens today for photocatalytic products which need UV activation. This multifunctional coating can be easily applied leading in an invisible layer with a long useful life -due to the advanced properties of the matrix employed- able to reduce pollutants and soiling on the treated surface thanks to the hydrophobic behaviour and the interaction of the photocatalytic material with visible light.