

# BIO-UV TECHNOLOGY

BUILT FOR TODAY,  
DESIGNED FOR TOMORROW



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AS THE LEADER IN THE PRODUCTION OF ENVIRONMENTALLY FRIENDLY QUARTZ COMPOSITE, WE, ALONG WITH OUR CUSTOMERS, ARE OBLIGED TO PURSUE A SUSTAINABLE RELATIONSHIP WITH NATURE TO ENSURE FUTURE GENERATIONS CAN CONTINUE ENJOYING THE NATURAL WORLD. OUR PRIMARY MOTIVATION? WE STRIVE FOR PERFECTION AND AIM FOR ETERNITY.

Taking a cradle-to-cradle approach, we use natural stone blocks as much as possible. Our production processes are continuously monitored and perfected to improve their ecological efficiency. A few examples of the initiatives we have taken to underline our intrinsic connection with nature are organically based resins, solar energy, water recycling, low-carbon logistics through local raw material purchasing, and centralized production in Belgium.

We believe that, as a company, we can only make a meaningful contribution to a better future by being extremely conscious of the raw materials that nature offers, by constantly questioning our role in society, and by entering into an honest and reliable relationship with employees, suppliers, and customers.



# UNIQUE BIO-UV TECHNOLOGY

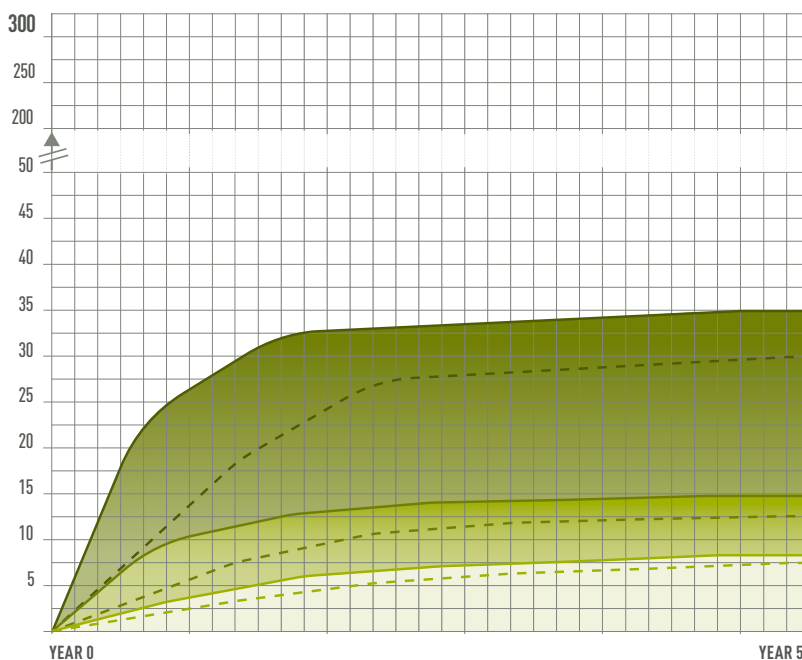
ONE OF THE INGREDIENTS FOR OUR SUCCESS IS OUR BIO-UV TECHNOLOGY USING ORGANIC RESINS AND UV STABILISERS THAT ARE ADDED TO THE QUARTZ GRANULES. THIS RESULTS IN A SIGNIFICANT DECREASE IN OUR CO2 FOOTPRINT AND IMPROVES THE ABILITY OF OUR WORKTOPS TO WITHSTAND SCRATCHES, STAINS, AND SUNLIGHT. OUR PRODUCTS ARE PARTICULARLY IN DEMAND FOR MANY OUTDOOR APPLICATIONS, FOR WHICH OUR VELVET (MATTE) FINISH IS THE BEST CHOICE.

It's no secret, of course, that even the most vibrant colors can lose their natural sparkle after prolonged exposure to UV rays. After all, extreme exposure to intense sunlight always causes a natural weathering process to occur. This fading of the colors happens much faster in so-called hot climates.

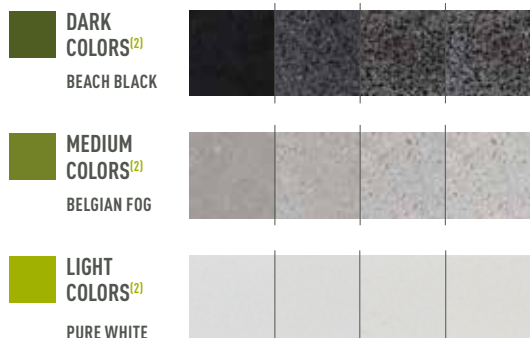
We called in an independent agency to objectively look at the sunlight resistance of our material for the different climate zones. The entire discoloration process was established using a standard test procedure in which years of exposure to natural sunlight is simulated using special UV lamps. The result was that the natural weathering process of our quartz composite not only slows down, but eventually stabilizes, after which it takes on a final color (see graph).

To put color fastness into perspective, we checked our color palette against the reference value for UV color stability (300). The darkest colors are located in the dark green zone. The darker the color, the higher it ranks in the chart. For example, our 'Beach Black' is at the very top of the chart, which means it tends to fade faster in a hot climate, but with minimal change relative to the reference value. As the shade becomes lighter, not only does the color deviation decrease, so too does the impact of extreme and prolonged UV radiation (dashed dotted line vs. solid dotted line). They're the very best at withstanding the sun!

## UV COLOR STABILITY<sup>(1)</sup>



☀️ MILD CLIMATE - - - ☀️☀️☀️ HOT CLIMATE ———



(1) An important consideration here is that the tests were carried out in an ideal environment. Other external circumstances may still cause a deviation from the results. It is and remains extremely important to properly maintain the surface of the quartz composite using best practice.  
 (2) The colors of the quartz composite depicted in this brochure are as close to the real thing as possible, but do not always correspond perfectly due to the limitation of print. Therefore, you are strongly advised to see the color in person before you make your decision.

PRODUCTION SITE IN OUDSBERGEN BELGIUM



DON'T BE SATISFIED WITH WHAT'S GOOD, DO EVERYTHING TO MAKE IT THAT LITTLE BIT BETTER: IT IS THAT INNATE NEED TO INNOVATE THAT MOTIVATES OUR R&D TEAM TO ALWAYS SEEK THE MOST EFFICIENT AND SUSTAINABLE SOLUTIONS. A PERMANENT EXCHANGE OF IDEAS AND EXPERIENCES - IN WHICH THE DESIGN, COMPOSITION, FINISH, AND FUNCTIONALITY ARE THE PRIMARY FOCUS - MEANS WE CHALLENGE OURSELVES TO DO BETTER EVERY DAY AND TO FURTHER REFINE OUR NATURAL PRODUCT.

# INNOVATION COMES FIRST

## OUR ADDED VALUE

- Inspection of all incoming raw materials
- Own test lab for new raw materials
- Testing of protective and maintenance products
- Own research department
- Own product development





**EXCLUSIVELY TESTED FOR**

- ✓ BIO-UV based composites
- ✓ Values craftsmanship
- ✓ Sustainability
- ✓ Functionality

Testing no. 20STK0408-02  
[www.intertek.de/directory](http://www.intertek.de/directory)

Intertek

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**WE LIVE BY OUR VALUES,  
WE GOT IT, WE DO THE RIGHT THING,  
WE DO WHAT IT TAKES AND WE CARE**

