

Test report

UV Camera Test

The test was carried out to experimentally verify the effective performance of the Icrystal resin against constant exposure to UV rays. To have a realistic yardstick, the same test was conducted, under the same conditions, on the equivalent product of the best-selling online competitor.

Tester n° 1 Icrystal	Tester n°2 Competitor
<u>Quantity: 30 gr / sample</u>	<u>Quantity: 30 gr / sample</u>
<u>Room temperature: 23.5 °</u>	<u>Room temperature: 23.5 °</u>
<u>Ambient humidity 55%</u>	<u>Ambient humidity 55%</u>
<u>Mixing time 300 "</u>	<u>Mixing time 300 "</u>
<u>Test start: 9.30 a.m. 03/07/22</u>	<u>Test start: 9.30 a.m. 03/07/22</u>

UV chamber exposure

Waiting time after complete cure



Tester n°1 Icrystal	Tester n°2 Competitor
24 hr	24 hr

Esposizione

Lamp used for the test: 6 * 15UV lamp
Sample distance: 20 cm
Sample irradiation: Continuous
Test start: 9.00 am 04/07/22
End of test: 9.00 am 05/07/22

dopo 24h di esposizione al interno della camera UV
after 24h UV chamber



iCrystal Resin Pro



Altro produttore
Other manufacturer

iCrystal Resin Pro



Altro produttore
Other manufacturer



dopo 24h di esposizione al interno della camera UV
after 24h UV chamber

Tester n°1 Icrystal	Tester n°2 Competitor
Colour: transparent	Colour: yellow

Hue change: none	Hue change: noticeable deterioration
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The test clearly reveals a much more than satisfactory resistance to UV rays of the ICystal ResinPro Resin: the colour change is almost imperceptible, the variations in transparency also minimal.

On the contrary, the competitor's resin reveals an evident deterioration, with a very defined colour variation towards a mustard yellow colour with golden hues, with a total compromise of the object itself.

Resin Pro Srl

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