The study results presented here demonstrate clearly the strength, beauty and versatility of Sinfony indirect lab composite.

Insertion of Sinfony Indirect Lab Composite

+++1/2

The Dental Advisor, Vol. 18, 2001

Clinicians were very pleased with the clinical performance of Sinfony indirect lab composite, rating the “ease of finishing/polishing” very high.

Two-Year Recall of Sinfony Lab Indirect Composite

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The Dental Advisor, Vol. 19, 2002

Overall, clinicians rated Sinfony indirect lab composite in the very good to excellent range for two-year recall, with high marks for “resistance to fracture/chipping” and “patient satisfaction.”

Impact Strength

DIN 53453, Transverse Impact Test

At 7.5 mJ/mm², Sinfony indirect lab composite surpasses other modern materials, such as Solidex, belleGlass, and Targis.
Sinfony™ Indirect Lab Composite

**Compressive Strength**

C. Trajtenberg, M. Eldiwny, D. Li, J. M. Powers  
Houston Biomaterials Research Center, UT-Houston Dental Branch, Houston, Texas, USA: Properties of Advanced Laboratory Composites. (IADR Abstracts #413) 1999.*

Demonstrates that Sinfony indirect lab composite has significant advantages in compressive strength over two out of three competitive materials.

**Flexural Modulus**

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Designed with a lower flexural modulus, Sinfony indirect lab composite is less brittle than other composites, making it an ideal material for veneering over flexible understructures such as fiber bridge substrates or telescope crowns.

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Sinfony indirect lab composite’s flexural strength was tested and measured to be higher than other popular brands.

**Solubility**

C. Trajtenberg, M. Eldiwny, D. Li, J. M. Powers  

In a test of solubility, which is associated with water repellence of the polymer matrix, Sinfony indirect lab composite is clearly superior.

**Shear Bond Strength**

T. Frauenholz, M. Rosentritt, M. Behr, R. Lang, G. Handel  
Department of Prosthetic Dentistry, University of Regensburg, Germany: Determination of shear bond strength of composites on fiber-reinforced FPD material. (IADR Abstracts #1486) 1998.*

Repairing of new and aged Vectris material was simulated via in vitro shear tests. Sinfony indirect lab composite is suitable for repairing—also on aged samples, whereas Artglass and Dentacolor showed no adhesion at all.

**Shear Bond Strength (to In-Ceram thermocycling)**

H.N. Alkumru, M. Özcan, I. Negriz, D. Gemalmaz, A. Akkaya  
Marmara University, Faculty of Dentistry, Istanbul, Turkey, and Medical and Dental School of Köln, Germany: Effect of Surface Treatment on the Bond Strength of Luting Cement to In-Ceram. (IADR Abstracts #2238) 1998.*

Tribochemical coating with Rocatec increased significantly the bond strength of luting cements (composite and compomer) to In-Ceram in comparison to acid etching or air abrading.

**Toothbrush Abrasion**

3M ESPE internal test results

A toothbrush abrasion study showed abrasion resistance of the ultrafine particle composite of Sinfony indirect lab composite.

*These studies were sponsored by 3M ESPE AG.*
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The study results presented here demonstrate clearly the strength, beauty and versatility of Sinfony indirect lab composite.

Testing found Sinfony indirect lab composite to have very good esthetics and to be easy for the lab to fabricate.

Clinicians were very pleased with the clinical performance of Sinfony indirect lab composite, rating the “ease of finishing/polishing” very high.

Overall, clinicians rated Sinfony indirect lab composite in the very good to excellent range for two-year recall, with high marks for “resistance to fracture/chipping” and “patient satisfaction.”

At 7.5 mJ/mm², Sinfony indirect lab composite surpasses other modern materials, such as Solidex, belleGlass, Sculpture, and Targis.

Both in the mastication simulator machine and in the three-media-wear machine, Sinfony indirect lab composite showed significantly less abrasion than belleGlass, Sculpture, and Targis.