



RANSOM & RANDOLPH

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Investing with Innovation™

PRESS RELEASE

For Immediate Release

Ransom & Randolph Announces Launch of FiberStone™ Resin Die Stone

Maumee, OH – May 19, 2021 – Today, Ransom & Randolph announced the launch of FiberStone™ resin die stone, a patent pending, Type IV die stone.

Dental stone models are subject to various handling requirements and require sufficient strength to allow manipulation of the model without breaking or chipping. With difficult cases, pins are placed in the model while the dental stone mixture is being poured into the impression mold to stabilize the model and prevent it from breaking or chipping. Unfortunately, this can increase the amount of time and costs for making the model. Moreover, if a model breaks, a new model needs to be created, which can increase time and costs further.

R&R's team of ceramic engineers recognized the opportunity to improve on historical die stones, resulting in FiberStone resin die stone. Similar to rebar in concrete, this revolutionary formula includes reinforcing fibers to provide greater model integrity and reduce time and costs often associated with standard dental stones.

With these trailblazing reinforcing fibers, FiberStone resin die stone inhibits the generation and expansion of cracks in the model, reducing breakage and chipping during model manipulation and cutting. FiberStone resin die stone can reduce the number of pins required during the model building, requiring fewer repours.

“We are excited to announce the launch of this next generation dental stone,” said Daniel Nixon, President, “we are confident its patent-pending technology will assist traditional dental labs making dental stone models.”

In dental lab trials, FiberStone resin die stone was reported to have approximately 50% less model breakage, which resulted in fewer repours and requiring less pins than standard dental stones without reinforcing fibers.

Order today at: shop.ransom-randolph.com/fiberstone!

To view R&R's complete line of dental lab products or to download a catalog, visit www.ransom-randolph.com/dental.

About Ransom & Randolph

Founded in 1872, Ransom & Randolph is dedicated to advancing the global investment casting industry. R&R has provided foundries, dental labs, and jewelers with extensive process knowledge, exceptional technical expertise and innovative product technology since the 1800s. By coupling revolutionary product developments with experienced staff, manufacturing and warehousing facilities worldwide, R&R successfully helps customers become casting industry leaders.

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