

# BUILD WITH PEACE OF MIND



### "Olde World Charm meets New World Technology"

### Stand out from the rest.

As a homebuilder, you're looking for quality and beauty that *lasts*. Easy to install and maintain, Castia Stone is provides distinct advantages over traditional veneer stone. Beyond its aestheic appeal and classic look, Castia Stone incorporates unique high-tech performance characteristics. With its innovative "rainscreen" technology, trapped moisture, dry rot and mold are avoided.

## Tried, Tested and True; With tools to help you get the job done.

Extensive product development and testing has led to proven strength of the Castia Stone system. Couple this with a limited lifetime warranty, and you have the assurance that your homes will withstand the elements and remain beautiful for years to come. Castia Stone offers a comprehensive installation certificate program for installers to ensure that your Castia Stone system is installed to perfection. And for designers, Castia Stone can provide a complete 3D library of its trim pieces and custom patterns, as well as an extensive 2D library. Your architectural plans, pictures, or drawings can become a three-dimensional rendering that will detail how your structure will look with a custom Castia Stone design — even before construction begins.

Castia Stone, Inc. | www.castiastone.com | 817.680.5733



#### Quality Construction Starts with Technology.

The hallmark of the Castia Stone siding system is the "rainscreen" design which allows proper moisture drainage and ventilation. When installed properly, the Castia Stone siding system will deflect any moisture directed at the building. If moisture does penetrate the siding, it will be channeled directly outward, thanks to Castia Stone's innovative bracketing system that creates a continuous ½" gap between the siding and the actual structure. This air space prevents trapped moisture, which can lead to dry rot and mold.

The "Rainscreen" Advantage



Trapped moisture is the leading cause of structure failure. Other products, like stucco, wood siding and natural stone, do not feature this space for venting and draining. Moisture may not only enter from the outside, but condensation from inside may also migrate from the building interior and become trapped between the structure and exterior façade. The Castia Stone siding system allows any moisture that travels through the walls to vent outwards. Pre-cast stone has been used in construction for hundreds of years with proven strength and durability. Castia Stone is manufactured to withstand the abuse of natural elements such as rain, hail and ultraviolet rays.

Castia Stone does not require mortar in its installation. Instead of using mortar to support the product, Castia Stone employs a cast-in-place bracket system that is screwed to the wall. To produce a mortared appearance, a commercial grade polyurethane or silicone caulking is applied to all seams and then silica sand is spread over the caulking. This same caulking is used in many commercial buildings as expansion joints. Because tiles are individually supported, the Castia Stone system is more resistant to seismic movement than any other masonry product. The Castia Stone system is beneficial to new construction because homes or buildings can settle without the risk of cracking mortar joints that may lead to moisture damage.



### Added Strength and Benefits

All Castia Stone products are installed using stainless steel screws. The pull-out strength of a screw is much higher than that of a nail or a staple, and these screws are engineered to support a load 20 times greater than the weight of each Castia Stone piece. Also, Castia Stone weighs about the same as traditional stucco. This allows Castia Stone to be installed on most structures without making changes to the foundation or adding reinforcing support.

Castia Stone is comprised of cement, aggregate, sand, color, and water. Unlike other exterior siding products, it does not impact our forests.

Castia Stone is priced competitively with alternatives such as brick, stucco and cultured stone. It is less expensive than natural stone. Additionally, Castia Stone's minimal maintenance advantage is a cost benefit you can pass on to your homebuyers. While UV rays will slightly affect any color, Castia Stone will never require painting, because the color is throughout the system's mix.

Check us out at **www.castiastone.com** or call **1.817.680.5733** to learn more about our company and other innovative products.

