



IS THE URESTONE SYSTEM DURABLE?

This is a question that we hear a lot. Everyone tends to assume that the URESTONE System is easily damaged like the other “Faux Synthetic” panels or that a composite system just can’t match the damage resistance of cement panels, manufactured stone or real stone.

To put these assumptions to the test we set up an evaluation to compare the properties of URESTONE to typical materials used as building veneer. We built a jig to hold different materials in place and let a sledgehammer free fall into the system.

IMPACT TESTING OF COMPETITIVE SYSTEMS

POLYURETHANE FOAM FAUX BRICK PANEL



This is the same system that is produced by numerous suppliers that sell panels in smaller sizes.

THIS SYSTEM WAS EASILY SHATTERED BY THE HAMMER TEST.



EIFS / STUCCO



This system is based on 1-3” eps foam / a cement scratch coat/ fiberglass scrim– and finally a textured paint finish.

THE HAMMER EASILY PENETRATED THE SURFACE OF THIS SYSTEM



CEMENT PANEL CLADDING



Panels like “nichiha / hardy board” are typically 1/8’ thick x 24” x 8-10 ft.

THIS SYSTEM EASILY FAILED THE HAMMER TEST.



REAL STACKED STONE PANEL



Real stone is the real thing and you would never question the durability of stone.

THIS STONE PANEL FRACTURED AND LAYERS OF STONE FELL OFF.



IMPACT TESTING OF URESTONE SYSTEM

URESTONE CLEAN BRICK PANEL



After 3 full hits, the hammer bounced off the panel and did not cause any damage to the panel



URESTONE LEDGESTONE PANEL



After 3 full hits, the hammer bounced off the panel and did not cause any damage to the panel



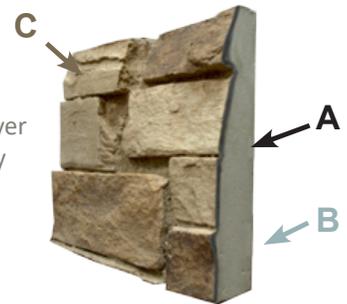
WHY DOES THE HAMMER BOUNCE OFF OUR INNOVATIVE COMPOSITE?



Our unique composite combines the advantages of a high impact resistant “car bumper” plastic with a high density foam that provides dimensional stability and insulation value.

So while this composite is lightweight—this testing shows that the URESTONE system can compete or exceed the durability of the key competitive systems.

Our URESTONE Panels are produced with a unique composite that starts with a solid urethane layer (A), which adds toughness and durability), followed with a closed molded layer of medium density polyurethane foam (B). Our deep textures are finished with a multi-stage coloring process (C)



WEED EATER TESTING



Once again, URESTONE gets stereotyped often with other competitive systems in regards to lacking durability. This is far from being the case. As established previously, the URESTONE is the only synthetic system has a impact and durable layer. So when the weed eater hits the conventional foam panel, it immediately damages the surface where ever it hits. When the weed eater is used on the URESTONE system—there is no effect.