



La Lastra™ 18x18 Strength Test

Report No: ST05242016-PLSS

May 25, 2016

Subject

On May 24, 2016 a request was made for a strength test of the La Lastra™ Small Square. We wanted to compare the strength of our La Lastra™ slabs to our competition's hydraslab to see if it is okay to use the La Lastra™ products in a pedestal application.

Sample Identification

- 1 - 24"x24" Hydraslab from competing brand
- 1 - 18"x18" La Lastra™ from Western Interlock

Summary

Each slab was set on the scales on equal length blocks, one at each corner of the slab. Rubber was then placed on top of each slab to evenly distribute the pressure to be applied to the slab. See pictures at right. A 6"x6" stone was then placed on the rubber to get a smaller surface area on which to apply the pressure. Pressure was applied slowly to the top of the slabs and the weight was read off the scale readout. Both slabs broke under the weight.

Conclusion

The competitions Hydra Slab broke at 3200lbs which is equal to 12,800 pounds per square foot.

The Western Interlock Lastra Slab broke at 2800lbs which is equal to 11,200 pounds per square foot.

It was concluded that the La Lastra™ slabs are strong enough to be used with a pedestal system. We recommend no more than 2800 pounds per square foot be applied when used with pedestals.

