

Density of certain types of natural stone

Authored by: **Stu Rosen** [mailto:mail@stoneshine.com]

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Q.Maurizio ! That is a Great honour to ask Stone Pro and a great man a question that bothers me Maurizio. Is there any information (table) about marble granite or travertine tile and their types that would have a density info in the description. For example *** Laurent Brown Marble - Honed - Density 0.2% *** or Tuscany Beige Travertine Honed (Semi-Polished) - density 0.3% - just to know theoretically if impregnator can be applied to it... I have read a lot of you answers and wondering how do you know which type of tile can or cannot be sealed - and assuming that it 's pretty hard to remember all types and sorts of the stone, i thought may be there is a book or another source where you get that exact information). I appreciate your time and experience you sharing with us - great respect to you from Russia - We like and know you over here - With all Respect - From Alex

A.Hello Alex From Russia,

With Great sadness I must inform you that Maurizio was involved in a fatal automobile accident this past august 2008.He leaves a wonderful family and a world full of friends.He will be greatly missed.Here in the states we are continuing his efforts to be a consumer advocate and offer our help to anyone and everyone who asks us.In his honor and out of respect we continue his passion and work in the context and quality as he would have wanted us to.

To answer your question,There are charts listed on findstone .com that have tables relating to the density ratings of many different stones.We also sell a set of cd's that have the same ratings.

Maurizio had much to say about sealing stones and that whole sealing cult that sealed everything in its path. He stated that the a good rule of thumb was to determine its absorbency rating. If the information is available and it turns out to be 0.2% or less the application of a sealer will be useless.It may even turn out to be more of a problem then if not used at all.

If you dont have the technical info you can rely on real life field tests. Drop some water and cooking oil on the surface of a scrap piece of stone to be sealed. Let the drops set for 5 or 10 minutes and wipe them dry. If there is a darker spot under where the oil and water have been setting it would indicate the stone is absorbent and requires sealing.

He was convinced that the field test was more accurate than any listed rating of absorbency.His reason was sound as one should consider that italian breccia onicata upon checking listed absorbency ratings will find it from 0.2% up to 0.45%.Please note that the porosity levels are given to the stone in its raw state.Calcite based stones that are polished will exhibit much less if any porosity at all.

I hope we have clarified that for you.If you have any more questions please feel free to ask us.Check out our products and website at www.mbstone.com

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