



NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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RUSTIC EXTERIOR TERRAZZO SYSTEMS AIR-ENTRAINING AGENT

When rustic terrazzo systems are used in cold weather climates, it is essential that an air-entraining agent be added to the system.

It should always be added to your under-bed mix and in the rustic terrazzo topping when the blend includes fine aggregate or fine sand.

It has proven to be ineffective when added in the mixture of aggregates sized #1 or larger with cement. If used in such a formula, it would not affect the finished product and would be a waste of material.

There are several air-entraining agents available. This Association recommends using the liquid additive that provides the proper amount for the system, which is between 3% and 5% of air.

The following formulation has been used with success in this industry:

Under-bed: Add 3/4 fluid ounces of this agent per 94 lbs. of Type 1 cement along with the proper amount of coarse sand.

Topping: 200 lbs. of aggregate
94 lbs. of Type 1 cement
5 to 9 lbs. of fine sand
3/4 ounce of air-entrainment
4 to 5 gallons of potable water

Screed Coat: Add 3/4 fluid ounces of air-entrainment per sack of cement.

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