

# Concrete Variation

Concrete products show variation on the surface and edges, why does this happen?

Products made by Hard Topix are moisture cured over a period of 48 hours. We use a considerable amount of additives and ratios to ensure you are getting the best quality of concrete on the market. Our batching, weighing, and casting process is extremely consistent with all ingredients being measured to the 100th of a gram. Hard Topix is dedicated to perfecting the art of casting great concrete products.

Even with all these processes, structures, and protocols in place; concrete projects still exhibit variations and random markings. Why is your concrete imperfect?

There isn't a single particular reason why concrete products show surface and edge variations. The first step to understanding "why" is to understand that the material is a finished product of a chemical reaction called hydration. A lot of chemical reactions occur within concrete during the curing process which affect the final surface as well as the integrity of the product. Moisture and heat escape the concrete, leaving behind a visual story on the surface and edge of your project. Two other factors that have huge impact on the product are the casting process and the artisans touch. Both add their own chapters to the concrete production story.

What you may see as an unacceptable blemish is simply the evidence of the story in which your concrete project was created. If that variation was not present, the product would lack the integrity of what it is, Hand-Made. Hard Topix leads the industry with excellent quality control over our casting process. Sometimes you just have to accept that concrete is hand made and has variation to it that we can't control.

Below are some examples of concrete surfaces and edges that show a type of variation that you may see on your concrete project. Several of these photos are from past customer projects and are considered completely acceptable within our industry.

