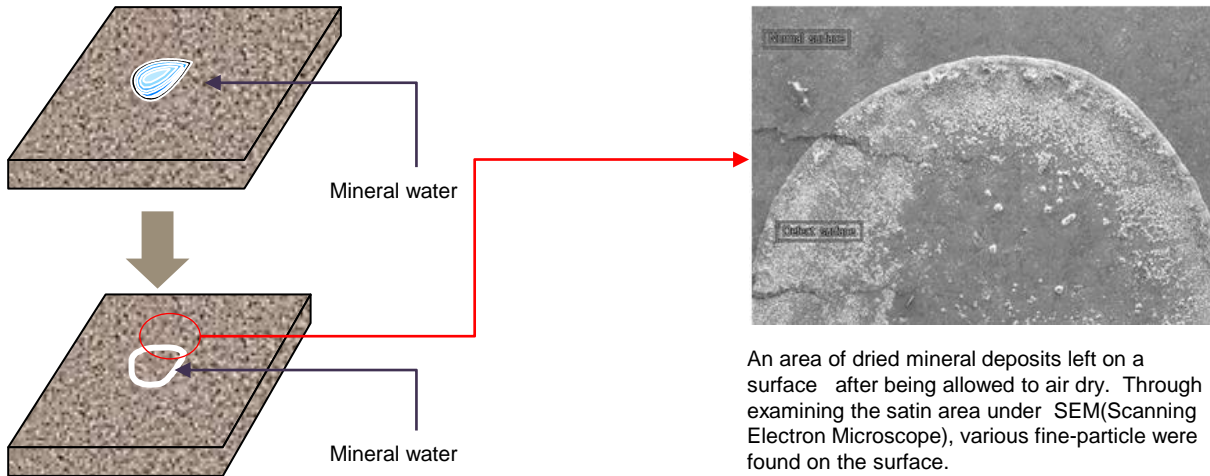


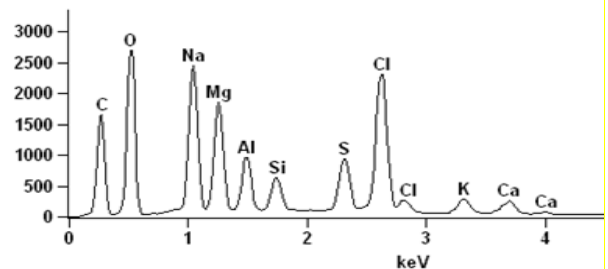
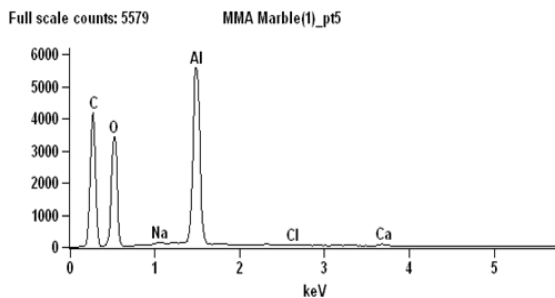
The information contained here is intended to provide the recommended cleaning method for hard water stains on Radianz® surface. Hard water stains are left by minerals such as calcium, magnesium and sodium etc. in mineral water. These stains can build up and even penetrate materials. If left long enough, hard water stains can become permanent, leaving a white or brown stain on sinks, faucets and countertops.

## Water stain



An area of dried mineral deposits left on a surface after being allowed to air dry. Through examining the satin area under SEM(Scanning Electron Microscope), various fine-particle were found on the surface.

- Through analyzing these particles under EDS(Energy Dispersive Spectroscopy), they were identified as inorganic materials.
- Major elements : Ca ,Na, K, Al, Si, Mg etc.



## How to remove the water stain

- ① Daily cleaning : Wipe up spills immediately with soft cloth or paper towels.
- ② Water stain
  - Minor stain : Rinse several times with warm water and dry with a soft cloth.
  - Deep stain : Use an abrasive plastic pad or rough sandpaper and lime-sclae remover.

*This Technical Bulletin is intended to provide guidelines for optimal fabrication, installation, and performance of LOTTE ADVANCED MATERIALS products mentioned. Though the information contained herein is deemed reliable, none of the contents--including but not limited to the instructions, techniques, graphics, and recommendations--is to be understood as implying legal liability of fitness for a specific purpose, any other type of warranty, or being complete or absolute in its range and nature of information.*

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