



Soil Resistance

Simulated Supply Air Diffuser Soiling Test

Dirt accumulation not only detracts from a ceiling's appearance, but can cost money by requiring painting or replacement of the ceiling. In addition to reducing acoustical efficiency, soiling can cause a substantial reduction in light reflectance. Most Armstrong Hi-LR ceilings provide excellent soil resistance for lasting value and performance.

The Simulated Supply Air Diffuser Soiling Test evaluates this soil-resistant property.

- The test determines relative amounts of soil deposited on the ceiling's surface by a controlled airstream from a recessed air diffuser.
- The airstream contains standard particulate matter (soiling compound).
- Visual evaluation rates the extent of soiling.
- The degree and impact of the soiling is also quantified through before-and-after light reflectance readings.



These photos show the excellent soil resistance of Ultima versus a competitive fine texture ceiling.