



# TECHNICAL BULLETIN

Last Revision: January 2021

## Subject: Staining on Fascia

This Technical Bulletin addresses dark/black staining residue that appears on surfaces such as fascia, siding and other areas below the shingle roof line.

This staining is not related to the Atlas shingle. This staining typically appears when the installation method requires that plastic cement be used to seal the leading edges of the roof system. Staining of this nature is generally due to the use of plastic cement that has a higher solvent content or more unstable light oils in its formulation.

When using rubberized asphalt you should expect staining if you perform a tie-in with a material composed of flexible plasticized polyvinyl chloride (PVC). The stains develop on the fascia, typically made from PVC, as a result of chemical components of this type plastic cement migrating from the cement onto the fascia material and other surfaces below the roofline. The oils leach out and drip down the fascia and other locations when it rains or as dew saturates the roof surface causing staining to occur. This staining can cause unsightly mark(s) that can take months if not longer to clear as the oils stop leaching out from the plastic cement. That's because plasticizers in flexible PVC are chemically incompatible with rubberized asphalt. When they come in direct contact with one another, plasticizers dissolve the rubberized asphalt causing it to liquefy. The result is a stained, discolored PVC membrane.

This typically, but not exclusively, occurs when the shingles are installed flush to the drip edge or eave/rake of the roof and can be exacerbated when either no drip edge is used or if the drip edge has an insufficient "kick" (ending bend) to divert the oily runoff water away from the fascia and wall. Atlas does require a min of 1/4" shingle overhang in these areas to create proper run off as a best roofing practice. This situation can be mitigated with the use of high-quality plastic cement, use of drip edge with proper bend on the bottom perimeter, or the installation of gutters to divert the oily runoff water away from the fascia or wall areas.

This staining is different than what is referred to as "Tobacco Juicing".

This occurrence is not covered under the Atlas Shingle Limited Lifetime Warranty