



# TECHNICAL BULLETIN

Last Revision: September 2016

## Subject: **Atlas Shingles Submerged in Flood Waters**

This letter addresses shingles manufactured by Atlas Roofing Corporation that have been submerged for an unspecified period of time in flood waters. This letter is to provide guidance as to how Atlas Roofing Corporation view this product in terms of its warranty and the potential for failure upon and following installation.

Atlas Warranty Position (as stated in our written and published warranty documents):

“ATLAS ROOFING CORPORATION (“ATLAS”) warrants to you, the original owner of its shingle products, that this product is free from any manufacturing defects that materially affect the performance of your shingle during the Premium Protection Period or that cause leaks for the balance of the applicable warranty period. This warranty is effective on all product types stated herein and installed in the United States and Canada.

“Limitations of Coverage:

- Damage from any cause other than inherent manufacturing defect.
- Acts of God including lightning, wind gusts in excess of the specified Wind Speed Limits listed herein, hurricane, tornado, hailstorm, impact of foreign objects or other violent storms.” (A flash flooding event would be defined as an Act of God and thus considered void of our warranty.)

It is difficult to predict how the shingle material and/or the field performance of shingles having been submerged/ subjected to flood waters would perform. It is known that submerging shingles in water for periods of time may negatively impact key performance criteria in a negative manner such that upon installation the probability of a field failure could be elevated. Some of the performance criteria which could be affected are:

1. Shingle Sealant Strength (wind resistance or ability to resist wind uplift)
2. Granule Adhesion (excessive granule loss)
3. Nail Pull Through (resistance to fastener pull through)
4. Tear Strength
5. Algae Resistance (ability to reduce the black staining and streaking caused by *Gloeocapsa Magma*)
6. Blistering
7. Others (Potential failures not solely expressed above)

In light of the potential loss of product performance and the voiding of warranty coverage, it would be Atlas’s view that this product is not suitable for sale. Atlas recommends recycling this material as the most prudent means of disposition.