



# RESIDENTIAL INFORMATION BULLETIN

October 2019

No. R-82

## Sealant Bond Damages Due To High Wind Events

Extraordinary wind events could cause shingle damages such as shingle blow-off, shingle tab uplift, broken shingle sealant bonds, etc. In some cases, sealant bonds could be completely broken; in other cases, the bond strength could be compromised, and in some cases a broken bond could start to re-seal. Additionally, shingle performance may be compromised by shingle tab flexing in the wind and dust contaminating the shingle sealant. Other factors that can influence the performance include the age of the shingle, the time of year/ambient temperature of the wind event, and the ability of the shingle to lay flat after a wind event.

Once sealant bonds have been compromised, the shingles are not likely to re-seal themselves to the original sealing strength. It is important to note that other damage may be present beyond a broken or weakened sealant bond, such as granule loss, punctures from air-borne debris, and creasing of the shingle due to flexing in the wind. If the sealant bonds have been broken due to excessive winds and have experienced no other damage, it is IKO's recommendation to hand-seal the shingles in accordance with Asphalt Roofing Manufacturer's Association (ARMA) guidelines.

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